

THE KANSAS INDUSTRIALIST

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Number 1

SEVENTEEN VETERANS ON FOOTBALL SQUAD

FIFTY VARSITY MEN REPORT FOR FIRST DAY'S PRACTICE

**McMillin Says Team Will Be Better
Than Last Year But Refuses to
Wax Optimistic—Points to
Hard Schedule**

Football took the sports stage at the college with the first varsity practice Monday night, when 50 prospects for the 1929 varsity reported to Coaches A. N. (Bo) McMillin, Frank Root, O. W. Maddox, and Ward Haylett for the first practice Monday. The staff gave them the first several pages in the football book, up to and including hard dummy scrimmage.

While the squad was numerically one of the smallest to report on the first day in several years, it is believed that much of the "weeding out" process customary in the past has been voluntary this fall, and that the size of the squad will remain about the same as on the first day.

Seventeen letter men have checked out uniforms, furnishing McMillin with at least one veteran for each position.

"We will have a better football team than last year but it would be foolish for me to predict how many games we'll win or lose," the Aggie coach commented. "Nebraska and Oklahoma seem to be the strongest teams in the conference if advance notices mean anything. Missouri and Kansas universities both expect to have good teams, while Iowa State must replace several veterans.

"The schedule as a whole is perhaps the hardest ever undertaken by an Aggie team. The boys will be in there playing football all the time. I know them better than I did last fall and they have had a year of my style of football. The material is on the whole better than last year though we lost two good men in the line."

LETTER MEN REPORTING

Lettermen reporting the first day were as follows:

William Towler, Topeka, end; William Daniels, Luray, end; Captain A. H. Freeman, Hoxie, tackle; C. H. Erington, Ruliton, tackle; K. C. Bauman, Salina, guard; James Yeager, Bazaar, guard; E. C. McBurney, Newton, guard; C. O. Tackwell, Manhattan, guard; Robert Sanders, Burlington, center; H. J. Barre, Tampa, center; Alex Nigro, Kansas City, Mo., halfback; William Meissinger, Abilene, halfback; H. R. Weller, Olathe, halfback; L. J. Bryan, Manhattan, halfback; W. E. Platt, Manhattan, quarterback; Marion Evans, Gove, quarterback; Price Swartz, Everest, fullback.

Several sophomores of unusual ability are candidates for the varsity. In the backfield George Wiggins of Lyons, fullback; Ray McMillin, New York City, and Frank Prentup, Fort Riley, quarterbacks, and L. C. Fiser, Mahaska, halfback, are among the most promising. Fiser was on the squad as a guard last year and failed to get into a game. In spring practice he was converted into a halfback and proved a find.

New material in the line includes Paul Fairbank, Topeka; Forrest Schooley, Hutchinson, and Oscar Hardtarfer, Lawrence, as likely young ends. H. O. Cronkite, Belle Plaine, and T. J. Rostocil, Zurich, are promising tackles, while Alvin Stephenson, Clements, and Adolph Hrabha, East St. Louis, Ill., are expected to make the four regular guards step. Lawrence (Boots) Norton of Cimarron, member of the squad three years ago, has returned as a center, and L. J. (Rocky) Bryan, a letter halfback of several seasons back, has returned to K. S. A. C.

While there are no unusually heavy men on the squad it will average up as more beefy than the usual Aggie varsity.

HARD WORK FIRST NIGHT

The first night's practice this week included kicking and passing drill, calisthenics, a run around the field, and dummy scrimmage.

The Aggies meet Purdue, Texas Aggies, Kansas, Oklahoma, Missouri, and Ames this fall, without a breathing spell between.

Sophomores and other non-letter-

men reporting for the first practice were as follows:

Guards—Adolph Hrabha, East St. Louis, Ill.; T. J. Rostocil, Zurich; F. G. Smith, Potwin; R. C. Dial, Cleburne; A. H. Stephenson, Clements. Centers—T. E. Doyle, Clay Center; Z. W. Johnson, Beeler; L. H. Norton, Cimarron; E. Skeen, Eskridge; Al Meyers, Merriam. Ends—A. B. Walsh, Kansas City; Paul Fairbank, Topeka; Clarence Nutter, Falls City, Neb.; Forrest Schooley, Hutchinson; Oscar Hardtarfer, Lawrence; T. A. Appl, Bison. Halfbacks—Darrel Buckmaster, Manhattan; Raymond Bell, Beverly; E. C. Black, Utica; L. C. Fiser, Mahaska; LeRoy Kopley, Chanute; Maryon Swartz, Manhattan; H. J. Tannahill, Manhattan. Fullbacks—George Wiggins, Lyons. Tackles—Lynn E. Drake, Natoma; P. E. Brookover, Scott City; H. O. Cronkite, Belle Plaine; Al Tucker, Ottawa; E. L. Andrick, Wheaton; C. W. Koerner, Manhattan; G. D. Oberle, Carbondale. Quarterbacks—Frank Prentup, Fort Riley; Ray McMillin, New York City.

COLLEGE REGISTRATION SHOWS INCREASE OF 135

**Total of 2,970 Had Enrolled Up to
Monday—May Pass 3,000
Mark**

Fall semester enrolment took a decided upward trend this year, with 2,970 students registered Monday night, September 16, as compared with 2,835 for the corresponding time last year, an increase of 135.

Additional late registrations are expected to bring the total close to 3,000.

Few figures are available as to the distribution of the increase, except in the division of engineering, which showed an increase of 90 students at the end of the period of official registration Wednesday morning, September 11, bringing the divisional enrolment to 928 as of that date. The division of agriculture showed an increase of four students on Wednesday, September 18, over the final enrolment figures of last year, and additional registrations were expected to bring the increase to about 14.

There were 168 freshmen, 88 sophomores, 60 juniors, and 60 seniors in the division of agriculture.

Mechanical engineering showed the greatest gain of any course in that division, the increase being 63 to a total of 177, an increase of 55 per cent. The increase was largely divided between the freshman and sophomore classes.

Enrolment in architecture had increased 18 to 71, the tabulation showed. Civil engineering added 14 students. The electrical engineering course, which attracts more than a third of the students in the division, showed a decrease of 20 to a total of 336. There were 44 chemical engineers, an increase of eight. The engineering totals did not include special students. Agricultural engineering enrolment increased seven, to 59.

It is believed that increased interest in aeronautics was at least partially responsible for the increased enrolment in mechanical engineering, which is the foundation course for such work.

K. S. A. C. DAIRY MENTORS JUDGE BIG FALL SHOWS

**Fitch and Cave Officiate at a Dozen
Major Fairs**

Dairy cattle at a number of the larger sectional and state fairs have been judged this season by officials of the dairy department of the Kansas State Agricultural college. Prof. Harry W. Cave and Prof. J. B. Fitch, head of the dairy department, either have judged or will judge in a total of 11 major dairy cattle shows.

Professor Fitch is officiating at the following fairs: Minnesota State fair, St. Paul; Central States Exposition, Aurora, Ill.; Wisconsin State fair, Madison; Eastern States exposition, Springfield, Mass.; Tri-State fair, Amarillo, Texas; Dairy Cattle congress, Waterloo, Iowa.

The fairs where Professor Cave has judged or will judge are California State fair, Sacramento; Kansas Free fair, Topeka; Oklahoma State fair, Oklahoma City; and the 4-H Club classes at the National Dairy show, St. Louis.

HOMEcoming COINCIDES WITH DIAMOND JUBILEE

MANHATTAN TO CELEBRATE SEV- ENTY-FIFTH BIRTHDAY

**Pep Meeting, Alumni Mixer, and Aggie-
Oklahoma Game are College Parts
in Week of Celebration—Gen-
eral Harbord Expected**

Homecoming for K. S. A. C. graduates and former students will coincide with the celebration of Manhattan's seventy-fifth anniversary (Diamond Jubilee) during the week of October 20 to 26. The closing event of the jubilee celebration will be the Kansas Aggie-Oklahoma university football game, which is also a chief attraction for Homecoming.

Dean Harry Umberger, of the college extension division, is chairman of the Diamond Jubilee committee.

While the official opening of the jubilee will not be until Monday, October 21, an airplane race from Bartlesville, Okla., to Manhattan is planned for October 20. Colonel Art Goebel, winner of the Dole flight to Hawaii, is expected to be among those making the Manhattan flight. Forty to 50 planes are expected, and an air circus will be held at the conclusion of the flight. Airplanes will operate each day of the jubilee, and a special exhibit showing the making of an airplane will be provided by the Knoll Aircraft corporation, of Wichita.

FAIR OPENS JUBILEE

Monday and Tuesday, opening days of the celebration, will be devoted largely to the annual Riley county 4-H fair.

Operating throughout the week will be agricultural and industrial expositions showing Kansas products, a historical museum, and various carnival attractions including the "Train of 49" and the "Bloody Gulch Saloon." An Indian village also will be one of the attractions.

Included in the Wednesday afternoon program is a transportation parade, showing all forms of transportation from the most ancient to the most modern.

The parade will start at 1:30 o'clock, and at 2:45 Carl R. Gray, president of the Union Pacific railroad system, will speak on "Transportation." At 3:30 o'clock the old Union Pacific train, which is similar to the first train to pass through Manhattan, will be opened for exhibition, on Poyntz avenue. Thursday night a pageant, depicting the history of Manhattan, will be presented.

HARBORD A SPEAKER

Thursday, October 24, has been designated as Military day by the jubilee committee. Troops from Fort Riley will be on hand for the occasion, and each branch of the service will go through maneuvers.

General James G. Harbord, '86, president of the Radio Corporation of America, is expected to give the address on Military day, at 1:30 o'clock in the afternoon. The historical pageant will be presented again that night, preceded by a beauty contest and style show.

Friday is Old Settlers' day, and the old settlers' parade that morning will follow a stage coach parade. An old fiddlers' contest, horse shoe pitching contest, and similar trials are scheduled for the day.

A four-year scholarship at K. S. A. C. has been offered by the jubilee committee to the Kansas girl, under 21 years of age, who can most successfully pass certain tests given by the committee. Among other requirements will be a knowledge of cooking and sewing. Previous achievement will be given some weight.

Friday afternoon's main speaker is expected to be either Senator Henry J. Allen or Sheffield Ingalls.

A concert with bands from several towns participating is to be held Friday afternoon.

Official college participation in the jubilee will start Friday night, when college students, Homecomers, and others of those attending the jubilee who care to, will participate in a pep rally, probably in the stadium. Im-

mediately following the pep meeting there will be a reception in Recreation center at the college, in charge of Dean Mary P. Van Zile and W. R. Marshall, '17, president of the Riley county alumni association. A. N. (Bo) McMillin, Aggie coach, is expected to speak both at the pep meeting and the reception.

Saturday morning a Homecoming mixer will be held in recreation center from 10 to 11:30 o'clock, and at noon the alumni luncheon will be held in the cafeteria.

Saturday afternoon, of course, the big attraction will be the Aggie-Oklahoma game.

RULES NOT NECESSARY FOR MOST OF STUDENTS

**'Small Minority Makes Regulations
Necessary,' Says President Far-
rell at First Chapel**

"An overwhelming majority of students who come to K. S. A. C. know how to accept decent treatment. They are here for an earnest purpose," said President F. D. Farrell in the opening day convocation, Wednesday, September 11.

"They have plenty of fun, but they are here primarily for work. Because of this fact, K. S. A. C. offers the student much more liberty than many other colleges do.

"Always, however, there are a few who don't know how to accept liberal treatment. They abuse the liberty they have, and so lose it, soon or late.

"It is for this small minority that college rules are made. Many of the rules are rather silly, or would be if all the students were as the majority."

The subject of President Farrell's talk was "The Preservation of Liberty." After giving various definitions, including the apparently contradicting ones of "Freedom from restraint; the right to do what one pleases," and "A transgression of the rules of propriety," Doctor Farrell offered another definition: "The possession and use of the privilege of self government."

"Note that it says the privilege (not the right) of self government," the speaker commented. "Liberty is something that can be preserved by self-government; and something which is lost when self-government fails. Students who are in college for the first time have more of liberty than they previously have had; that is, more of the privilege of self-government.

"To the great majority of you, perhaps 90 to 99 per cent, I can say that you scarcely need be aware of college regulations," President Farrell said.

"To the others—any of you who don't know how to be treated decently—how to preserve your liberty—I wish to say that the time to think of the penalties of misbehavior, the embarrassment to yourselves and the humiliation to your parents, is just before you misbehave, and then don't misbehave. If you do, the penalties are inevitable, sooner or later."

TEN CLASSES PLAN REUNIONS DURING COMMENCEMENT WEEK

**Officers Already at Work on Spring
Programs**

Alumni class reunions, always a feature of commencement week activities, will be observed this year by the following classes: '80, '85, '90, '95, '00, '05, '10, '15, '20, and '25. Some of the class officers already have begun active preparation for their next reunion. The college calendar lists the following events for commencement week, 1930: Baccalaureate services, May 25; Alumni day, May 28; Commencement, May 29.

Three New Lawyers

Two graduates of the college and one former student were admitted to the Kansas bar in June. They were John Cunningham, Manhattan, '22; Marshall Hoag, Manhattan, '26, and Raymond Smith, Manhattan, f. s.

DEGREES AWARDED 132 AT SUMMER EXERCISES

PRESIDENT L. D. COFFMAN OF MINNESOTA UNIVERSITY SPEAKS

**"The Modern World and Education" Is
Title of Address—Bachelor's De-
grees to 82—Master's to 50—
Eight Win Honors**

Degrees were conferred on 127 Kansas State Agricultural college students at the fifth annual summer school commencement exercises on July 31.

Dr. L. D. Coffman, president of the University of Minnesota, was the speaker, and his subject, "The Modern World and Education."

The degree of bachelor of science was conferred on 82; of master of science on 50. At the 1928 summer commencement the bachelor's degree was conferred on 88 and the master's on 28. The total of bachelor's degrees conferred by the college at the June and August commencements combined was 461, and of master's degrees, 80.

Following the processional march "La Reine de Saba (Gounod), played by the college orchestra, the invocation was given by the Rev. Carl Andrew Nissen, pastor of the First Baptist church of Manhattan. Prof. William Lindquist, head of the music department, then sang "Invictus" (Bruno Huhn).

Honors were awarded to six and high honors to one at the exercises, as follows:

Division of agriculture, honors, Albert Brown; division of engineering, honors, James Eugene Irwin; division of general science, high honors, Maurice Charles Moggie, honors, Cora Mae Geiger, Mary Pierce Van Zile; division of home economics, honors, Gladys Myers.

Conferring of degrees on behalf of the college was made by Dr. Julius Terrass Willard, vice-president.

Mary Pierce Van Zile, dean of women, was a member of the graduating class.

Those receiving degrees were as follows:

Bachelor of science in agriculture—James Byron Brooks, Garrison; Walter McConnell Crossen, Turner.

Bachelor of science in agricultural administration—Albert Brown, Circleville; Richard Edward Hamler, Manhattan; Carl Heinrich, Durham; Hugh Kenneth Richwine, Holcomb; James Arlie Stewart, Abilene.

Bachelor of science in agricultural engineering—Hilliard Lafayette Gamble, Halstead.

Bachelor of science in architecture—Harold Mahlon Souders, Eureka.

Bachelor of science in civil engineering—Harvey Stafford German, Little River; James Roe Heller, Detroit; James Eugene Irwin, LeRoy; Harry Kibler, Sedan; Walter Harold Murray, Manhattan; Lee Rudell St. John, Morland.

Bachelor of science in electrical engineering—Melvin Cooper Coffman, Wakefield; Edwin Osborne Earl, Nickerson; Lester Charles Gates, Seward; Thomas Burl Hofman, Silver Lake; Glade W. Hurst, Caldwell; Francis Earnest Johnson, Burlington; Floyd Sereign Naugle, Highland; William Anthony Nelson, Alta Vista; Gerald Dean Van Pelt, Beloit; Forrest Barber Volkel, Lenora; Royden Keith Whitford, Hamlin.

Bachelor of science in mechanical engineering—Justin Joe Joy, Osborne; Charles Hubert Mehaffey, Farmington; Karl Polk Niederlander, Wichita.

TWENTY-ONE IN HOME EC

Bachelor of science in home economics—Johanna Helena Barre, Tampa; Erma Mildred Coleman, Mayetta; Marjorie May Collins, Manhattan; Frances Eloise Gibson, Muskogee, Okla.; Mary Gertrude Grider, Rolla; Eunice Grace Grierson, Medicine Lodge; Ruth Velma Hallet, Topeka; Gertrude Claire Hamilton, Wichita; Margaret Lorraine Hemphill, Chanute; Norma Louise Knoch, Lincoln; Josephine Elizabeth Koenig, Kansas City, Mo.; Agnes Vivian McKibben, Springfield, Mo.; Fern Hilda Moore, Blue Rapids; Gladys Myers, Burns; Martha Mary Sandeen, Stillwater, Minn.; Mabel Luella Sellens, Russell; Velma Elizabeth Vincent, Alden; Mary Frances Wagner, Manhattan; Violet Lovina Walker, Manhattan; Lulu Parken Wertman, Morrowville; Mary Christine Wiggins, Eureka.

Bachelor of science—Helen Rose Anderson, Thayer; Lottie Sybell Andrews, Junction City; Sister Domitilla Arnoldy, Manhattan; Sister Nicholas Arnoldy, Manhattan; Cora Mae Geiger, Salina; Velma Genevieve Hallock, Ada; Verna Doris Holmstrom, Randolph; Helen Kimball, Manhattan; Vivian Eliene Kirkwood, Manhattan; Dorothy Beryl Kuhnle, Concordia; Mildred Hazel Lemert, Cedar Vale; Alice Manley, Cheney; Mary Amanda Meyer, Mound City, Mo.; Maurice Charles Moggie, Manhattan; Merlin Mundell, Nickerson; Bernice Elizabeth Shoebrook, Horton; Katherine Bingham Snair, Manhattan; John Willard Truax, Peabody; Mary Pierce Van Zile, Manhattan; John Howard Worley, Randall.

Bachelor of science in physical education—Hellen Rachel Eiling, Manhattan.

(Concluded on page 4)

AMONG THE ALUMNI

Rex White, '29, formerly of Jewell, is employed by the Westinghouse Electric company, at Pittsburgh, Pa.

Frances Schepp, '28, is a practicing architect in Tulsa, Okla. She is making her home at 241 West Eleventh, Apt. No. 3.

J. B. Brown, '87, of Phoenix, Ariz., called at the alumni office recently. Mr. Brown said that he enjoys the writings of H. W. Davis.

Glen E. Edgerton, '04, major in the United States Army, is to be stationed at the military academy, West Point, N. Y., for the coming year.

Chester D. Tolle, '24, is doing research work at Cornell university, Ithaca, N. Y., for the International Agricultural corporation of New York.

Mrs. Lydia (Stoddard) Turner, '13, of Belton, Mo., and Mrs. Ramona (Norton) Phillips, '13, of Route 4, Manhattan, were alumni office callers recently.

Irene (Drake) Brown, '23, has charge of the home making department at Hilo high school, Hilo, Hawaii. She and her husband are planning a trip to the States next year.

Charles H. Honeywell, '18, has established a very successful practice as a veterinarian at Slater, Mo. Doctor Honeywell visited the campus recently and said that his son is a "future Aggie."

Robert F. Copple, '21, who is employed by the United States Forestry service with headquarters at Flagstaff, Arizona, is back on the campus taking a year's graduate work in agronomy and pasture management.

Mr. and Mrs. John M. May and their two sons spent the last two weeks of August visiting relatives in Manhattan. Mr. May, '10, is head of the agricultural department of the Teachers' college at River Falls, Wis.

Harold Sappenfield, '26, a former member of the Cherryvale high school faculty, started a tour around the world August 25. He carries with him a list of K. S. A. C. alumni living in foreign lands so that he is assured a hearty welcome in each country visited.

Oscar K. Dizmang, '27, was a campus visitor Wednesday, September 4. Dizmang has been taking graduate work at the University of Chicago for the last two years and this fall will be assistant professor in the department of economics and business administration at Lombard college, Galesburg, Ill.

MARRIAGES

ANDERSON—HURTIG

Mr. and Mrs. Herman T. Anderson of Courtland, announce the marriage of their daughter, Eula Mae, '28, to Mr. Victor Carl Hurtig, '26, on June 27. They are making their home in Courtland where Doctor Hurtig is practicing veterinary medicine.

SPEAR—MURNEY

Mr. and Mrs. H. L. Spear, Bushong, announce the marriage of their daughter, Inez Irene, '28, to Mr. R. Waldo Murney, '27, at their home on June 19. Mr. and Mrs. Murney are at home in Beloit where Mr. Murney is instructor of vocational agriculture in the Beloit high school.

BIRTHS

Glenn W. Spring, '25, and Dorothy (Wilson) Spring, of Sabetha, announce the birth of a son Tuesday, July 23.

La Verne Spears, f. s., and Edna (Vilven) Spears, f. s., announce the birth of their daughter, Helen Louise, July 28, at their home in Rossville.

F. J. Nettleton, '25, and Ruth (Fowler) Nettleton, f. s., announce the birth of twin daughters on May 22. Mr. and Mrs. Nettleton live at Winfield and have named the little girls Joanne Ruth and Jeanne Frances.

Louis E. Childers, '25, and Christine (Burger) Childers, f. s., an-

nounce the birth of a son on April 26, whom they have named Louis Edward, jr. Mr. Childers is on the editorial staff of the Oklahoma Farmer-Stockman at Oklahoma City.

Mr. G. R. Borgman, '28, and Margaret (Schmidt) Borgman, f. s., announce the birth of their daughter on July 31. Mr. and Mrs. Borgman make their home in St. Louis, where Mr. Borgman is an electrical engineer with the Wagner Electric company.

LOOKING AROUND

KENNEY L. FORD

College freshmen are not as green as they used to be. The 4-H clubs, athletic and judging trips, dramatics, Hi-Y, Girl Reserves, and other high school activities have practically closed one channel of fun for the upper classmen.

The board of directors of the K. S. A. C. Alumni association met in Dean Umberger's office the afternoon of August 27. The following officers were re-elected for the ensuing year: Ralph Snyder, '90, president, Manhattan; Mame (Alexander) Boyd, '02, vice-president, Phillipsburg; W. E. Grimes, '13, treasurer, Manhattan; H. Umberger, '05, secretary, Manhattan.

The alumni office will attempt to prepare for publication a new K. S. A. C. alumni directory in 1930. If this directory is to contain the correct address and occupation of each alumnus, it will require the cooperation of all alumni. Kindly keep us informed of any change in your address. Active membership in the alumni association is the most certain method of keeping contact with K. S. A. C.

Membership in the alumni association is largely a matter of habit. At first it appeals as a duty not easy to perform, but after a few years activity as a member one sees the necessity of organization and alumni activities. A strong association of alumni striving for quality, physical equipment, and an outstanding student body is a credit to any college. K. S. A. C. will be greatly helped when hundreds of her alumni put their loyal impulses into action.

The alumni loan fund brings more good will to alumni from the present student body than any other activity of the alumni association. With low crop yields in eastern Kansas, our loan fund is supplementing the personal funds of many students this year. Applications for more than \$3,000 were received from juniors and seniors before the fall semester began. We have never had adequate funds to meet the demands of needy students in spite of a splendid growth in life memberships.

George V. Mueller, '24, professor in the school of electrical engineering, Purdue university, writes that they are planning a K. S. A. C. alumni reunion the night of October 4, preceding the Aggie-Purdue football game, Saturday, October 5. It is planned to have M. F. Ahearn and others from K. S. A. C. present at the meeting.

The Aggie alumni who plan to attend the Purdue game are asked to notify Mr. Mueller so that he can get an idea of how many will be there and have a section of seats reserved.

The class of 1929, in addition to subscribing for 118 life memberships in the alumni association, left their class chimes fund of \$545 to be used in the alumni loan fund until enough money accumulates to buy a set of chimes for the campus.

The classes of '30, '31, and '32 have agreed to add their class funds to the chimes fund. This fund probably will be added to by other future classes and by gifts from alumni and friends of the college.

The class of '22 received a refund of \$129 from Lorado Taft, noted sculptor, on the Lincoln bust given by the class to the college library. One hundred dollars of this money has been given to the chimes fund to be held in the alumni loan fund until the chimes are purchased.

Loren Nuzman, '27, is a teacher in the junior high school in Topeka this fall.

JOIN THE K. S. A. C. ALUMNI ASSOCIATION

This issue of THE INDUSTRIALIST goes to all K. S. A. C. alumni. For the remainder of the year, as in the past few years, the paper will be sent only to active members of the alumni association.

Every former student is urged to become an active annual or life member of the K. S. A. C. Alumni association. If you are already a member, use your influence toward getting two or three more to enroll. Our goal for this year is a thousand annual memberships. Help us put it over.

Don't miss a single issue of THE INDUSTRIALIST. Keep informed on the growth and needs of your alma mater. Read President Farrell's fine statements. Follow "Bo" McMillin's and "Charlie" Corsaut's fighting Wildcats. H. W. D's Sunflowers are worth the price alone. Campus news brings you back on the hill with each issue. Lastly, the alumni news is distinctly your section of your college paper. "Just like a letter from home," says a recent grad.

Clip out and send in the following application blank today to the K. S. A. C. Alumni association:

I, of the.....Class of K. S. A. C. do hereby apply for membership in the K. S. A. C. Alumni Association. In consideration I enclose check or money order for \$3.00.

Signed.....

Send INDUSTRIALIST to (town) (state)

..... (street)

MARE MULE WITH COLT OWNED BY AGGIE GRAD

Unusual Animal Is Property of Frank E. Cheadle, '97, Cherokee, Okla.

Frank E. Cheadle, '97, of Cherokee, Okla., writes as follows concerning an unusual animal on his farm: On May 31, 1929, a young mare mule on my farm gave birth to a fine mule colt. This mule was raised by me. I still have the mare, her mother, and at one time owned the jack, her sire.

Last summer she ran in the pasture of Fred Doughty, a neighbor. In the pasture were also a jack and a number of stud colts.

About six weeks ago, my sons told me that this mule was going to have a colt and she did have every appearance of it. We kept her under observation afterward and put her in a small pasture with her mother. I called in a number of experienced horsemen to observe her condition and all agreed that there was no doubt she was with foal.

The colt is a typical mule colt in appearance, very active and strong. The mother mule is a very proud mother indeed and is nursing the colt in a very satisfactory manner. Hundreds of people have viewed this unusual pair in the past few days and I thought readers of THE KANSAS INDUSTRIALIST would be interested in the above statement of fact.

Dean to New York City

Charles Dean, '29, has been assigned to the New York City advertising office of the Capper Publications. He spent the summer assisting in the making of a merchandising survey of Kansas, Missouri, Iowa, Nebraska, Oklahoma, and Texas.

Helen Greene, '27, is teacher of foods in Independence high school.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. at Lafayette.
Oct. 12—Texas A. & M. at Dallas.
Oct. 19—Kansas U. at Lawrence.
Oct. 26—Oklahoma U. at Manhattan.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

GUTHRIE WINS CAPPER AWARD AS SUPERIOR AG JOURNALIST

Name Will Go On Silver Plaque in Kedzie Hall

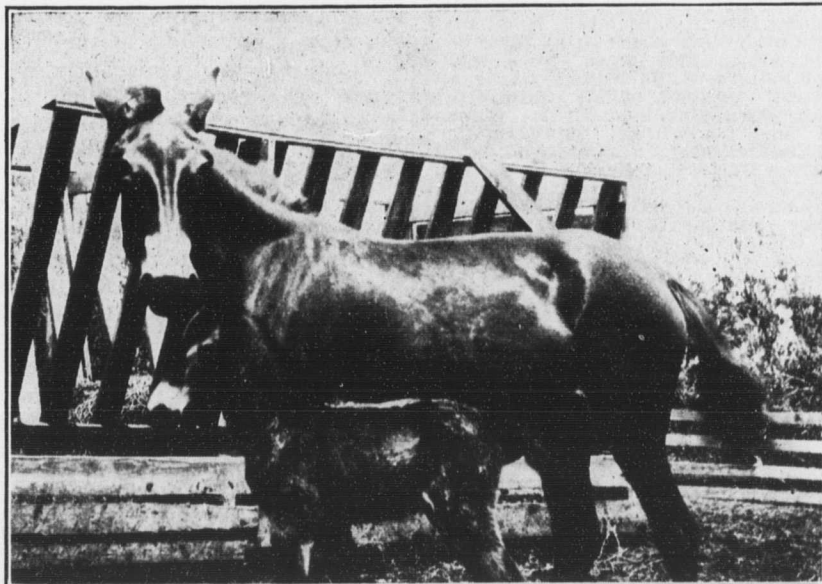
Theodore F. Guthrie, jr., '29, of Saffordville, was announced early last summer as winner of the Capper award for superior attainment in agricultural journalism. Guthrie completed his requirements for a degree in agriculture at the close of the first semester of last year. Work on the college and Manhattan papers, and for farm journals, won the award for him.

The Capper award is conferred annually by Senator Arthur Capper. Guthrie's name will be engraved on one of 10 small plaques surrounding a silver shield which hangs in Kedzie hall. The first winner of the award was T. J. Charles, jr., of Republic, in 1928.

V. D. Stone a Pilot

Virgil D. Stone, '13, of Denver, Colo., pilot of the Empire Company's airplane, "Cities Service-Empire," spent his August vacation at Post Field, Fort Sill, Okla., in training with the air forces of the Colorado national guard. He holds a lieutenant's commission in the Colorado unit.

F. E. Cheadle's Mule and Colt



Frank E. Cheadle, '97, reports that a mare mule owned by him gave birth to a mule colt last summer. The sire and dam of the mare mule were both owned by Cheadle, he writes. The mule and colt are shown above. (A mare mule is universally considered sterile, the reported exceptions being very rare.)

RECENT HAPPENINGS ON THE HILL

The Adolph Bolm Ballett will be brought to the college next February by the American Association of University Women.

Dr. H. T. Hill, head of the public speaking department, was elected a trustee of Kiwanis International at the Milwaukee convention last summer.

Dedication of the Manhattan Bible college, on Anderson avenue at Fourteenth, was Sunday, September 15. The college recently moved into a building valued at more than \$55,000. Its students take much of their work at K. S. A. C.

Names of more than 350 pledges to 29 college fraternities and sororities were announced last Thursday, at the close of the usual hectic rush week. Kappa Sigma led the fraternities in number of pledges with 30, while Alpha Delta Pi headed the sorority list with 16. Pi Beta Phi and Delta Delta Delta pledged 15 each.

Alpha Delta Pi headed the sororities in spring semester grades with an 83.99 average. Beta Phi Alpha was second, Alpha Theta Chi third, and Alpha Xi Delta fourth. Farm House heads the fraternities for the second consecutive semester with Alpha Gamma Rho second, Phi Lambda Theta third; Acacia fourth.

The following officers for 1929-30 have been elected by the Cosmopolitan club: B. E. Bakri, Damascus, Syria, president; Un Sur Kim, Shanghai, China, vice-president; Carl Ossman, Concordia, recording secretary; Josephine Fisk, Manhattan, corresponding secretary; Carl Martinez, Manhattan, treasurer.

For the third consecutive semester Phi Alpha Mu, honorary organization for women in general science, heads college organizations in scholastic attainments, according to the report on the spring semester recently issued by the registrar. The Phi Alpha Mu average was 93.67, while Omicron Nu, honorary home economics organization, was second with 93.3, and Phi Delta Kappa, education, third with 92.48. Alpha Zeta, agriculture, and Theta Sigma Phi, journalism women, were fourth and fifth.

Riley County Picnic

The annual Riley county alumni Labor day picnic was held September 2 on the east college campus. Harry W. Johnston, '99, president of the county association, was in charge of arrangements with Mrs. Cora Thackrey Harris, '98, assisting. About 40 were present. All enjoyed the short talks given by Dr. Kary Cadmus Davis, '91-'99, and Mrs. Fannie Vaughn Davis, '91-'99, who were here visiting and for the purpose of entering their daughter, Louise, as a student in home economics at K. S. A. C.

Doctor and Mrs. Davis both spoke in a very complimentary way of K. S. A. C., and of their good fortune in meeting many old friends at the picnic.

Doctor Davis has honored K. S. A. C. by his own success in the field of vocational education. He was the first student in America to get a doctor of philosophy degree in agriculture. He earned this degree by three years' research at Cornell. He was principal and agricultural teacher of the first county agricultural school in America at Menomonie, Wis. For several years he was professor of agronomy at Rutgers college, N. J. In 1913 he went to Peabody college, Nashville, Tenn., where he has been teaching for 15 years.

Doctor Davis has written or edited some 41 textbooks. The authors' club of London has bestowed on him the unusual honor of asking him to become a member.

Officers for the coming year were elected as follows: William J. Marshall, '14, president; Kenney L. Ford, '24, vice-president, and Fred Marshall, '27, secretary-treasurer.

Lucile M. Evans, '26, has been appointed on the staff of teachers in Kansas City, Kan., to do primary work. Miss Evans, who is the daughter of Dr. and Mrs. J. W. Evans, of Manhattan, has taught two years at Horton.

FARMERS MUST STUDY PROMISING NEW CROP

USE OF KOREAN LESPEDEZA MAY BE LIMITED

Pasture Legume Gives Good Account of Itself in Southeastern Kansas and Is Being Tested Elsewhere in State

Kansas farmers should not become too enthusiastic about Korean lespedeza, the new leguminous pasture crop, according to Prof. H. H. Laude of the Kansas agricultural experiment station, who has conducted numerous tests with lespedeza in several counties of the state. The Korean lespedeza seems adapted to southeastern Kansas, but in other sections of the state its place is yet undetermined.

The cooperative experiments with lespedeza have not been extensive enough in Kansas to warrant specific recommendation concerning the crop, but results of 1928 and 1929 are good enough to make the plant seem promising for much of the southeastern part of the state.

Korean lespedeza is closely related to the Japanese lespedeza or Japan clover, as it is commonly called. The Japanese variety has been grown with success in the south. In fact, it has spread north until there is a considerable quantity growing in a dozen southeastern Kansas counties.

MUST RESEED EACH YEAR

Agricultural research specialists first introduced the Korean variety to America in 1919 in the hope that it would do for areas further north what the Japanese variety has done in the south. The latter will not reseed each year except where the growing season is long, hence it is not adapted much in Kansas or in states further north. From their experience with the Japanese lespedeza during the last 15 years, southeastern Kansas farmers consider it a valuable pasture supplement. That is the place of lespedeza in Kansas agriculture, according to Professor Laude.

The cooperative tests must yet show how far north and west the Korean variety is adapted in Kansas, the crop specialist explains. Since the plant is an annual it must be reseeded each year. This it does easily, hence the principal problem is to determine the limits of the territory where the growing season is such that seed will be made. In northern Kansas the principal factor will be the matter of spring and early fall frosts because lespedeza freezes easily. In western Kansas this same factor plus danger from drouth must be studied.

Korean lespedeza was seeded in the spring of 1928 in Coffey, Allen, Neosho, Linn, Johnson, and Atchison counties in eastern Kansas and in Ford and Comanche counties in western Kansas. Seed was matured in Linn county and in counties further south. Seed crops have also matured on the experiment station farm at Manhattan.

HAS MADE SEED OUT WEST

A satisfactory seed crop matured in Ford county in the Arkansas valley. At the Fort Hays branch experiment station Korean lespedeza produced a heavy crop of seed in 1923.

The lespedeza was seeded in eight pastures in southeastern Kansas last spring and without tillage established itself in seven cases. Kentucky blue grass and white clover were the principal grasses in these pastures. It was seeded in five counties in western Kansas last spring to determine the western limit of adaptation.

Since lespedeza gets a late start in the spring, it begins to make pasture in early July when the bluegrass and clover begin to suffer from dry weather. It will stand considerable dry weather, making good growth until cool fall weather comes. With favorable weather, the bluegrass begins to provide pasture then.

FITS INTO PASTURE SYSTEM

"It is its capacity to fit into the pasture system in this manner that makes lespedeza promising for eastern Kansas," Professor Laude explained. "There seems to be little doubt it will grow to sufficient size in eastern Kansas to be of great value. But it may not grow large enough in western Kansas to be of practical worth. In a few cases in eastern Kansas it has been observed

to grow two and three times as large as Japanese lespedeza."

Lespedeza withstands close grazing fairly well, last year's results indicate. Though close grazing admittedly cut down the seed development, it has reseeded where pastured closely by hogs and sheep.

Korean lespedeza plants grow eight to 12 inches high and branch profusely if not crowded for room. The crop also is adapted to a wide range of soils. It has given good results on poor or eroded fields and does not seem to be sensitive to sour land. Having a rather extensive root system it withstands considerable drouth after plants get well started. Since it is a legume, it enriches the soil by gathering nitrogen from the air in the same manner as alfalfa and clover.

DEGREES AWARDED 132 AT SUMMER EXERCISES

(Continued from page 1)

tan; Lee Elmar Hammond, Osborne; Madison Bertrand Pearson, Manhattan. Bachelor of science in rural commerce—Joseph Monroe Barger, Manhattan; Theodore Allen Fleck, Wamego; Hazel Juanita Hotchkiss, Manhattan; Charles Ellis Luthy, Carbondale; Fred Irwin Nevius, Paola. Bachelor of music—Gladys Hattie Crumbaker, Manhattan; Florence Estelle Dudley, Clay Center; Bert Lewis Hostinsky, Manhattan; Carola Peshel Swanson, Manhattan.

FIFTY GET M. S.

Master of science—Jean Greiner Alexander, B. A., Oklahoma City university, 1928, Oklahoma City, Okla.; Floyd Warnick Atkeson, B. S., University of Missouri, 1918, Moscow, Ida.; Frances Mable Backstrom, B. S., Kansas State Agricultural college, 1928, Kansas City, Mo.; Roy Bainer, B. S., Kansas State Agricultural college, 1926, Manhattan; Jacob Biely, B. S., University of British Columbia, 1926, Vancouver, B. C.; Cecil Thomas Blunn, B. S., University of California, 1928, Los Angeles; Homer Cleo Bray, B. S., Oregon State Agricultural college, 1928, Salem, Ore.; Margaret Angeline Brenner, B. S., Kansas State Agricultural college, 1926, Waterbury, B. S., Kansas State Agricultural college, 1923, Denver, Colo.; William Eugene Connell, B. S., Oklahoma Agricultural and Mechanical college, 1928, Rupert, Ida.; Nelle May Cook, A. B., Hiram college, 1913, B. S., Phillips university, 1923, Chapman; Eula Mae Currie, B. S., Kansas State Agricultural college, 1928, Manhattan; Alice Josephine Englund, B. S., Kansas State Agricultural college, 1926, Salina; Howard Kay Gloyd, B. S., Ottawa university, 1924, Manhattan; Clarence Owen Grandfield, B. S., Kansas State Agricultural college, 1917, Manhattan; Harry Herbert Halbower, B. S., Kansas State Agricultural college, 1923, Kingman; Florence Harris, B. S., Kansas State Agricultural college, 1925, Manhattan; Martha Louella Hensley, B. S., University of Missouri, 1926, Jackson, Mo.; Robert Towner Hill, B. S., South Dakota State college of Agriculture and Mechanic Arts, 1928, Grand Meadow, Minn.; Cecil Canum Holmes, B. S., Kansas State Agricultural college, 1922, Goff; Ruth Louise Holton, B. S., University of Minnesota, 1926, Manhattan; William Robert Horsfall, B. S., University of Arkansas, 1928, Monticello, Ark.; Vincent Charles Hubbard, B. A., University of Minnesota, 1927, Minneapolis, Minn.; Herbert Lee Kammeyer, B. S., Kansas State Agricultural college, 1925, Wamego; Dale Franklin King, B. S., Oregon State Agricultural college, 1928, Manhattan; Fred Franklin Lampton, B. S., Kansas State Agricultural college, 1924, Cherokee; Iva Larson, B. A., University of South Dakota, 1927, Alcaaster, S. D.; Paul Merville Larson, B. S., Kansas State Agricultural college, 1927, Manhattan; John Lowe, B. S., University of Missouri, 1923, Winfield; George Edward Marshall, B. S., Kansas State Agricultural college, 1928, Bonner Springs; Edith Seavey Martin, B. S., Kansas State Agricultural college, 1928, Manhattan; Leon Francis Montague, B. S., Kansas State Agricultural college, 1926, Solomon; Mary Hope Morris, B. S., Kansas State Agricultural college, 1924, Manhattan; Luther Owen Nolf, B. S., Kansas State Agricultural college, 1926, Manhattan; Laurence Parker, B. S., Kansas State Teachers college, Pittsburg, 1926, Manhattan; Louise Arminda Phelps, A. B., Washburn college, 1924, Beaver, Okla.; Raymond Edwin Samuelson, B. S., Iowa State College of Agriculture and Mechanic Arts, 1928, Ames, Iowa; Gabe Alfred Sellers, B. S., Kansas State Agricultural college, 1917, Manhattan; Beulah Fern Shockey, B. S., Kansas State Teachers college, Pittsburg, 1921, Iowa; Samuel Allen Summerland, A. B., Arkansas State Teachers college, 1922, M. A., Peabody college, 1926, Manhattan; Eugene Albertice Waters, B. S., Kansas State Agricultural college, 1925, Wellsville; Bertha Evelyn Wentworth, A. B., Friends university, 1903, Furley; Jessie Frederick Westerdale, B. S., Kansas State Teachers college, Pittsburg, 1925, Topeka; Ruth Esther Williams, B. S., Kansas State Teachers college, Hays, 1925; Karl Mary Wilson, B. S., Kansas State Agricultural college, 1924, Concordia; Wilbur William Wright, B. S., Kansas State Agricultural college, 1917, Hope.

Three to Sigma Delta Chi

Sigma Delta Chi, honorary professional journalistic fraternity for men, held initiation last June for Professors John Parker, Walter Balch, and Walter Burr, the latter now a member of the University of Missouri faculty.

WEATHER BIG FACTOR IN 1929 WHEAT YIELD

VARIETY TESTS REPORT CALLS IT UNUSUAL YEAR

A New Wheat Makes Heaviest Yield When Other Varieties Do the Unexpected—Lodging Serious in Some Cases

A new variety of wheat, No. 1679, developed by the Kansas agricultural experiment station, made the highest yields in cooperative variety tests this year, the annual report of wheat variety tests for 1929 shows. No. 1679 averaged 20.4 bushels per acre in 47 tests in various sections of the state.

Fulcaster, a soft wheat, averaged 18.8 bushels to rank second over several well known varieties of hard wheat. Ordinarily the hard wheats are decidedly superior to the soft varieties except in eastern Kansas, the 1929 report states, but the present year was an unusual one in many ways. Yields of varieties of wheat in 47 tests:

Variety	Yield, bushels per acre
1679	20.4
Fulcaster	18.8
1681	18.4
Turkey	17.9
Kanred	16.8
Blackhull	16.7
Superhard Blackhull	16.4

Interpreting the yield statistics, H. H. Laude and C. O. Grandfield, supervisors of the cooperative experiments, said:

No. 1679 made the best yield, averaging 20.4 bushels and outyielding Fulcaster 1.6 bushels. It yielded higher than Fulcaster in 31 of the 47 tests. The average yield of 1681 was midway between Fulcaster, which made 18.8 bushels and Turkey with 17.9 bushels per acre. Fulcaster yielded as much or more than Turkey in 31 of the 47 tests.

KANRED USUALLY HIGHEST

Turkey outyielded Kanred in 29 of the 47 tests and averaged about one bushel more. Kanred has yielded higher than Turkey in 15 of the last 17 years, the average difference being nearly two bushels. Blackhull yielded nearly the same as Kanred this year and averaged a little higher than Superhard Blackhull. Since 1919 Blackhull has made higher yields than Kanred in 7 of the 11 seasons and has averaged 1.4 bushels more. Superhard Blackhull and Blackhull have made about the same yield in each of the last three years.

In eastern Kansas, Michigan Wonder and Harvest Queen were included with other varieties.

No. 1683 yielded highest in eastern Kansas, averaging 25.3 bushels and outyielding Michigan Wonder by 1.7 bushels. Fulcaster yielded a little more than 1679 in eastern Kansas but in the main wheat belt 1679 was ahead. Turkey and 1681 made about the same yield and outyielded Harvest Queen about one-half bushel. Kanred, Blackhull and Superhard Blackhull yielded nearly the same and averaged about 6 1/2 bushels lower than 1683.

TWO KINDS OF LODGING

Lodging of the grain was a serious problem this year, the variety testers reported. Heavy rains in several large areas the last of May and early in June were followed by a few warm, bright, still days. Apparently there was a rapid deterioration of the wheat roots and later of the entire plant resulting in weak straw, poorly filled heads, and shriveled kernels. Diseases became more prevalent than usual and lodging because of weakened straw was serious as the crop approached maturity.

"Lodging was apparently of two types," the report continues. "One in which the straw curved, allowing the head to approach or even reach the ground; the other in which the straw bent at a sharp angle or broke. Varieties apparently differed as to the type of lodging to which they were susceptible. Blackhull, Superhard Blackhull, and 1681 were noticeably susceptible to the second type while Turkey and Kanred were decidedly resistant to it. The first type of lodging seems to have resulted only when the wheat made a rank growth and had heavy heads. This condition prevailed in only a few cases this year. The second type of lodging appeared to have been due to a deterioration of the plant affecting the straw and to the occurrence of certain diseases.

"No. 1681 was more or less lodged in 29 of the 31 tests and was lodged

enough to be a serious factor in 19 cases. Superhard Blackhull and Blackhull were about equal, lodging to some extent in 19 and 18 tests and lodging seriously in 11 and 9 tests, respectively. Kanred and Turkey were about the same record, having lodged in 12 and 11 tests with serious lodging in only 2 cases. No. 1679 and Fulcaster stood up the best among the varieties included in the 31 tests, having lodged in only 9 cases and seriously in only 2 and 1 cases, respectively. Harvest Queen, Michigan Wonder, and Currell, included only in eastern Kansas tests, did not lodge seriously in any case.

"Lodging of Blackhull and Superhard Blackhull was noticeably worse than of other standard varieties in all parts of the state. It not only made harvesting more difficult but probably reduced the yields also. Lodging of the same type in these varieties was noted to some extent in 1928."

RESERVE COMMISSIONS IN ARMY TO 45 MEN

Graduates From K. S. A. C. Military Unit Commissioned as Second Lieutenants—25 in Coast Artillery

Forty-five K. S. A. C. students, most of them members of the 1929 class, received commissions as second lieutenants in the Officers' Reserve corps of the United States army at the commencement exercises last June.

Commissions were given 14 members of the infantry unit, 25 members of the coast artillery unit, and six in the veterinary unit.

Those receiving commissions are: Infantry—Forrest Bennet Alspach, Wilsey; Joseph Monroe Barger, Manhattan; James Lyle Blackledge, Manhattan; Charles Frank Chrisman, Hutchinson; Arlie William Higgins, Manhattan; Stanley John Holmberg, Stillwater, Minn.; Charles Harold Hughes, Manhattan; Samuel Greenberry Kelly, Manhattan; Silas Milbern Miller, McPherson; Merlin Mundell, Nickerson; Leonard Milton Pike, Goddard; Arthur Vernon Roberts, Vernon; Robert Philip Smith, Junction City; and Temple Fay Winburn, De Kalb, Mo.

Coast artillery—Thomas Richard Brennan, Bonner Springs; Charles Edward Converse, Manhattan; George Emerson Downie, Hutchinson; Arthur Elmer Dring, Pawnee Rock; Gabriel Ernest Drollinger, Manhattan; Arthur Oran Flinner, Manhattan; Cecil Edgar Hammett, Manhattan; Eugene Francis Harmonson, Great Bend; Garcel Kelly Hays, Manhattan; Arthur Henry Hemker, Great Bend; Thomas Burl Hoffman, Silver Lake; Wayne Kimes, Dodge City; Glenn Koger, Herington; Donald Cutler Lee, Harper; Robert Earl McCormick, Ottaville; Jay Clayton Marshall, Manhattan; Charles Hubert Mehaffey, Farmington; Robert William Myers, Manhattan; Charles Belgrove Olds, Delphos; Charles Edward Reader, Troy; James William Schwanke, Alma; William Jay Sweet, Wichita; Gerald Dean Van Pelt, Manhattan; Rex Edward Wheeler, Manhattan; and Harold Germain Wood, Topeka.

Veterinary—Daniel DeCamp, Manhattan; Hugh Edward McClure, Manhattan; Ralph William Mohr, Manhattan; Needham Branch Moore, Manhattan; Lawrence Orville Mott, Spencer, Neb.; Charles Robert Omar, Mankato.

DAIRY STUDENTS WORK OUT FOR JUDGING TEAM

Kansas Team Will Compete in Annual Contests at Waterloo and National Dairy Show

Eight students in the division of agriculture are working out regularly under the supervision of Prof. Harry W. Cave, coach of the K. S. A. C. dairy judging team. Three judges and an alternate will be named to represent this school in the intercollegiate judging contest held at Waterloo, Iowa, in connection with the dairy cattle congress. The students judge there September 30. Two weeks later they will compete in a similar contest sponsored in connection with the national dairy show which this year is held at St. Louis, Mo.

The eight candidates for the dairy team are R. H. Dodge, Manhattan; Dick Dodge, Manhattan; R. W. Stumbo, Iola; H. R. Bradley, Kidder, Mo.; C. C. Conger, Iola; Walter Powers, Netawaka; Harris Houston, Potwin; John Wilson, Iola.

Edgerton to West Point

Glen E. Edgerton, '04, major in the engineering corps of the United States army, has been ordered to the United States Military academy at West Point as instructor in civil and military engineering. For the past five years he has served as chief engineer of the federal power commission and previous to that time he served as director of sales for the war department, two years on the Panama canal, and five years as chief engineer of the Alaskan railroad commission.

CALENDAR COMMITTEE SETS MAJOR EVENTS

FIRST THEATRE PLAY ON OCTOBER 11 AND 12

First Home Football Game October 26 With Oklahoma University—Second Semester Registration On January 28 and 29

Dates for major social functions, athletic events, and entertainments during the present school year were approved by the calendar committee of K. S. A. C. at a meeting Friday. Insofar as possible dates are fixed definitely for the entire school year by the calendar committee, in this manner avoiding conflicts in major events.

One of the earliest all college social events is the annual mixer in Nichols gymnasium, September 20. This is followed in the list of scheduled events by the Kansas Aggie-Purdue football game at Lafayette, Ind., October 5, and the first Manhattan Theatre play, "The Queen's Husband," October 11 and 12. The Wildcats meet the Texas A. and M. football team at Dallas on October 12 in the second inter-conference game of the season. Incidentally, deficiency reports are due in the deans' offices on this same date.

PLAY K. U. AT LAWRENCE

Followers of the football team will have their first opportunity to see the Aggies in action on October 19 but they must journey to Mount Oread if they would enjoy this event, for the annual Wildcat-Jayhawk game is scheduled at Lawrence this year.

November 2 will see the Purple eleven at Columbia where it meets the Missouri Tigers. November 8 schedules a pep meeting preceding the Iowa State football game here the following day. This date, November 9, again calls for scholarship deficiency reports. November 15 and 16 will bring the second Manhattan Theatre play and on the last of these two days, Creighton university freshmen will meet Kansas Aggie freshmen in a football game here.

With Nebraska university meeting the Aggies on the gridiron, November 23, the previous evening will appropriately be dedicated to the third and last pep meeting of the season. Four days later, Thanksgiving vacation begins on Wednesday noon and on Thursday the Purple meets Marquette university at Milwaukee in a Turkey day gridiron battle. Vacation closes officially at 6 p. m., November 30.

The only definitely scheduled event in December is Aggie Pop, December 6 and 7.

BASKET SEASON STARTS

Other January dates are Farmers' short course enrolment, January 6; basketball, Nebraska university, January 10; final examinations, January 17-25; basketball, Oklahoma university, January 24; and second semester registration, January 28 and 29. A Manhattan Theatre play is set for January 31 and February 1.

Nebraska university wrestlers will meet Aggie grapplers here February 1, and February 4-7 is reserved for Farm and Home week. Basketball games with Kansas university, St. Louis university, Missouri university, and Iowa State college are to be played February 5, 11, 14, and 21, respectively. February 15 schedules the intersociety oratorical contest and a conference wrestling meet with Iowa State. February 22 brings the annual Washington's birthday holiday. Ag Orpheum closes February and opens March, and scholarship deficiency reports are due March 1.

COMMENCEMENT MAY 29

Other principal events or dates before the annual spring commencement are a Manhattan Theatre play, March 7 and 8; the World Forum, March 14, 15, 16; inter-society play contest and midsemester deficiency reports, March 29. The Kansas Editorial association meeting will be held on the campus, April 3, 4, and 5, with Ignace J. Paderewski, famous pianist, providing an entertainment, April 4. April 11 and 12 bring the last Manhattan Theatre play of the season and Easter vacation occupies April 17-21.

Definitely scheduled commencement events are baccalaureate services, May 25; alumni day, May 28; and commencement, May 29.

There is no fear in love; but perfect love casteth out fear.

—New Testament.

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Number 2

COLLEGE ENROLMENT NOW STANDS AT 3,013

STATISTICS TELL STORY OF K. S. A. C. GROWTH

First Term Attendance Figure Was 107 in 1863—3,070 in 1926—Graduates of 1929 Number 541

For the first time since 1926, first semester enrolment at the Kansas State Agricultural college has reached the 3,000 mark. The figure yesterday was 3,013, according to Miss Jessie McDowell Machir, registrar. The number is 150 greater than at the same time last year but still is nearly three score short of the 3,070 mark set in the first semester of 1926.

Statistics in the registrar's office tell an interesting story about the growth of K. S. A. C. since its doors were first opened on September 1, 1863, in what was the old Blumont college building. Attendance that fall was 107, though it took nine years for the enrolment to reach 200 in any one term. Graduation exercises were first held in 1867.

FIRST K. S. A. C. ALUMNI

The five who were graduated were Henry Longfellow Denison, Wheeler, Okla.; Laura Emma (Haines) Bowen, Marietta, Ohio; Bell M. (Haines) Pond, deceased, 1905; Martha A. (White) Abbott, deceased, 1914; and John J. Points, deceased, 1926.

The first graduate student registered at K. S. A. C. in 1868. In the following decade enrolment figures showed a wide variation. Some years there was an increase in number of students while other years showed a decrease with a net gain of 75 for the 10 year period. By 1890 total attendance for both semesters had risen to 514. Of this number 307 were freshmen while only 28 seniors could be accounted for.

The beginning of the twentieth century marked a new period in the growth of the college. Records show the attendance reached the 1,000 mark for the first time in 1900. From that time until America entered the World war, registration figures climbed steadily.

During the year 1916-17 undergraduate enrolment stood at 3,340. Of this number 197 were graduates. The following year when the United States was sending young men to Europe, registration suffered a marked decrease at K. S. A. C. Only 2,406 names appeared on the roll books.

THEY GRADUATE, TOO

Beginning in 1919 the enrolment pendulum started its upward swing again, reaching the crest in 1926. The following two years—1927 and 1928 showed a decline of about 200 from the high mark of 3,070. With an increase of 150 this autumn the enrolment figure for a single semester has practically reached the 1926 standing.

A growth similar to the growth in attendance has occurred in the annual graduating class. From the starting point of five graduates in 1867, the number has increased steadily to the record number of 1929. Bachelor of science degrees conferred at the spring and summer school commencements this year total 461. Similar growth in the graduate enrolment is apparent from the fact that 80 persons were awarded master's degrees in 1929.

VETERINARY DIVISION GROWS BY 39 PER CENT

Shortage of Trained Men Causes Increase in Enrolment, Dean Dykstra Says

Enrolment in the division of veterinary medicine at the college showed a remarkable increase this fall over the figures of a year ago. A week after the close of official registration 116 students were registered as opposed to 83 for all of the first semester of last year, a growth

of 39 per cent without taking into account the later registrations.

The freshman class jumped from 30 to 56, or 87 per cent.

"I believe the increased enrolment is due to the fact there is such an opportunity in the profession at present," said Dean R. R. Dykstra. "The college is not able to fill the requests for veterinarians. Many of those who were graduated last spring went into private practice, but those who did not all went into positions paying \$2,400 or better, several as high as \$3,000.

"Last summer one of the large serum companies inserted advertisements in the farm papers calling attention to the need of veterinarians. We had many inquiries from this source."

Sixty-four of the 116 students registered are from Kansas. Nebraska has 23 representatives, and Missouri 11. Iowa is fourth in numbers with six, while Oklahoma and Mississippi have two each. The following states or territories are represented by one student each: Illinois, Colorado, New York, the Philippines, the Hawaiian islands, and Barbados.

FINISH \$12,000 CAMPUS IMPROVEMENT PROJECT

College Constructs New Stone Bridge, Walks, and Drives and Erects Lamp Posts

The new sidewalk and roadway constructed this summer between Education hall and Van Zile hall on the K. S. A. C. campus will soon be lighted at night by 10 large illuminated lamp posts, G. R. Pauling, superintendent of building and repair, has announced.

This improvement is part of a \$12,000 project which is nearing completion. Sidewalks from the girls' dormitory to the education building, and from the dormitory to Kearney street have been built, and two stretches of roadway improved. The old temporary wooden bridge on the former path from the dormitory to the library has been replaced by a stone bridge which harmonizes with the other structures on the campus.

An appropriation for the project was made last March by the state legislature. A request had been made by college authorities for money to build walks, roads, and to improve the lighting facilities.

In order to meet the request without increasing immediate expenses, the legislature diverted a saving fund accumulated by the dormitory for the appropriation. Although at first this created some misapprehension, President F. D. Farrell shortly announced that the money would be expended on the northeastern part of the campus where Van Zile hall residents will be benefited.

The limited appropriation would have paved only a small part of road, so it was decided to improve the unpaved roads as much as possible without paving. In order to do this, it was thought best to curb and gutter the unpaved roadway, which would define the road, and make the maintenance of correct grade an easy matter. Roads from the dormitory to Education hall and from the rear of Kedzie hall south to Anderson avenue were improved in that manner.

They now are ready for paving, and if additional appropriations are made for the purpose, will be surfaced. The curbs and gutters already laid will make possible an economical completion of the project.

Combs Extension Editor

L. R. Combs, '26, is handling the information service and editorial duties of the agricultural extension service at Iowa State college. Combs went to Ames in the fall of 1928 as an instructor in technical journalism after serving as farm editor of the Emporia Gazette. He was appointed to the extension position in August of this year.

A small farm account book may tell a big story.

NEW COLLEGE POWER HOUSE IN OPERATION

STRUCTURE COMPLETE EXCEPT FOR FINISHING TOUCHES

Four Huge Boilers Generate 1,900 Horsepower While Exhaust Is Utilized in Heating Campus Buildings—a \$315,000 Project

Complete except for details of landscaping, laying of walks, and finishing, the new \$315,000 power house of the Kansas State Agricultural college has been put into operation. It is located directly west of the new library and finished with massive limestone rock in keeping with other campus buildings. Its sturdy structure suggests the forces generated within—power, light, and heat for the college community of more than two dozen buildings.

MECHANICALLY EQUIPPED

The north part of the structure is occupied by offices and storerooms and the larger south portion is divided into a boiler room on the lower floor and a generator room above. The ash handling machinery, water storage tanks, and water pumps connected to the boilers are installed in the basement. The four boilers, one of which is new, have a total generating capacity of 1,900 horsepower. The new 500 horsepower boiler costing \$13,000 delivers steam at 175 pounds pressure to the generating room machinery. The exhaust from the power units is utilized in heating buildings on the campus.

Boilers are stoked mechanically and are equipped to burn coal, oil, or gas. Conveyors dispose of the ash produced in the boilers when coal is used. Supplies and fuel are brought to the plant on the Manhattan street railway which runs over a receiving hopper at the rear of the building. The railway was also used in hauling the heavy machinery to the building.

The electrical generating equipment consists of four units. A new turbine of 750 kilowatt rating is the largest generating unit. Two other generators of a combined capacity of 375 kilowatts furnish alternating current and were in use in the old plant. Direct current is produced by a 100 kilowatt motor driven generator.

CAN INCREASE CAPACITY

The 215 foot smokestack towering at the rear of the building has an inside diameter of 12 feet and is constructed of reinforced concrete. It is sufficiently large to accommodate additional boilers when they are needed.

Total cost of the new power plant was \$315,000. All equipment has been planned in such a manner that additional units may be added when needed with minimum expense. A north wing was part of the design in the original plan and can be built when conditions warrant it.

The interior of the building is unusually well lighted by many large windows. Corridors and stair walls are wainscoted with glazed tile and oak is used for all interior woodwork. Little noise or vibration is apparent in the building and that portion devoted to offices has an atmosphere not unlike the other buildings on the campus.

CALL AND DEAN LEAVE TO STUDY CORN BORER

Are Chairmen of Research Committees For Two Societies

Dean L. E. Call and Prof. Geo. A. Dean left Monday to inspect the European corn borer work in Ohio, Indiana, Michigan, and Ontario. Dean Call and Professor Dean are chairmen of committees appointed by the American Society of Agronomy and the American Association of Economic Entomologists, to study the investigational and control work on the corn borer, and to report on the same to their national societies.

Professor Dean, on his return trip, will attend a committee meeting of the Crop Protection institute at St. Louis next Monday.

Carl Miller Moves Up

Carl P. Miller, f. s. in journalism, has resigned as secretary and manager of the Los Angeles Stock Exchange to become vice-president in the Pacific coast publication offices of the Wall Street Journal, in charge of Southern California. Mr. Miller had been with the stock exchange since October, 1928. He is the son of A. Q. Miller, of Belleville and Salina.

WILLARD'S TALK SHOWS THE WORLD 'DO MOVE'

Vice-President of College Has Spent 50 Years on Kansas Aggie Campus

Dr. J. T. Willard, vice-president of the college and dean of the division of general science, addressed the student body yesterday morning, relating incidents and events that have occurred on the hill during the 50 years he has been at the college.

Doctor Willard entered the Kansas State Agricultural college in the autumn of 1879, attended school four years, was graduated, and has been on the staff for 46 years. He traced the development of the college from its early period up to the present time, giving some "inside dope" that cannot be found in histories.

The only requirement for entrance to K. S. A. C. in 1879 was that the student be able to read and write and have a working knowledge of arithmetic. It was not until 1916 that the present requirement of 15 high school units was put into effect.

The vice-president has seen the college grow from a school with 12 instructors to one which now has 320. In 1879 the college owned 255 acres of land. Today it claims 1,420 acres. Yearly expenditures have increased in these 50 years from \$20,000 to \$1,400,000, and the curricula offered have jumped from one to 29.

DEAN JUSTIN NEW MEMBER OF A. A. U. W. COMMITTEE

Appointment Is First From An Agricultural College

Dean Margaret Justin, dean of the division of home economics at the college, has been appointed to the committee on membership of the American Association of University Women. This is the committee formerly called the committee on recognition of colleges and universities and K. S. A. C. presented its petition for recognition before it three years ago. The vacancy which Dean Justin has been invited to fill is that created by the unexpired term of Dean Anne Dudley Blitz of the University of Minnesota.

This appointment is the first one from the American Association of University Women given a representative from an agricultural college, or from a division of home economics. Dean Justin held an A. A. U. W. fellowship while at Yale and since coming here has been an active member of the local chapter of the organization.

SIGMA DELTA CHI ADDS \$150 TO FUND FOR STUDENT LOANS

Money Made Available Only to Journalism Majors

Kansas State chapter of Sigma Delta Chi, honorary professional journalistic fraternity, has established a loan unit of \$150 in the alumni student loan fund. The organization has specified that the fund shall be available for journalism students only, and that all loans from the fund shall be approved by the president of the active chapter and the head of the journalism department. Right to withdraw the fund with two years advance notice is reserved by the organization.

Prof. C. E. Rogers, head of the journalism department, and Solon Kimball, president of Sigma Delta Chi, will cooperate with the alumni loan fund committee in administering this fund during the present year. It is probable that Sigma Delta Chi will increase this fund in the future.

VARSITY HAS WORKOUT AGAINST PURDUE PLAYS

RESERVISTS BATTLE REGULARS IN SCRIMMAGE THIS WEEK

Injuries Claim Three as McMillin Machine Gets up Steam—Wiggins and Swartz Prove Pair of Driving Fullbacks

Purdue plays as enacted by the varsity reserves were used against the Kansas Aggie football team in practice this week. The Wildcats meet Purdue at Lafayette, Ind., October 5. Spectators at the nightly practice sessions have been able to note the gradual development of a smooth working team from the squad, although there are still many rough spots to be touched up.

Marion (Mickey) Evans, diminutive quarterback from Gove, has been doing well on the receiving end of passes this week, as has Paul (Pete) Fairbank, sophomore end.

WELLER'S SHOULDER HURT

Those occupying places on the injury list at the first of the week were H. R. Weller, halfback; Forrest Schooley, end, and William Meissinger, halfback. Weller suffered a shoulder injury in scrimmage, but was expected to be back in the thick of it within a few days. Schooley pulled a tendon and also was due to report back. A flying cleat clipped a gash in Meissinger's face, and four stitches were necessary to close the cut.

Last Saturday Coach McMillin used two varsity squads in 40 minutes of almost continuous scrimmage.

In one line Towler and Fairbank were at ends; Tucker and Captain Freeman at tackles; Yeager and McBurney were guards, and Barre the center. Nigro, Meissinger, Fiser, and Prentup composed the backfield. "Rocky" Bryan alternated at quarter.

Opposing them were Cronkite and Daniels at ends; Brookover and Erington at tackles; Hrabka and Bauman, guards, and Sanders, center. In the backfield were Wiggins, Evans, Ray McMillin, and Price Swartz.

Wiggins and Swartz showed themselves peculiarly adept at plowing into the line, some of the spectators expressing the belief that they are the most promising pair of fullbacks developed here in several years.

McMillin is still switching his team about in a manner decidedly puzzling to those whose business it is to keep track of things from the press box. Players are never referred to by position, on the practice field, but only by number. A back may play "number one position" on one play and "number four" on another, and in various instances the sides of the line swap over. All this adds to the interest of the casual spectator, however.

PURDUE BACKFIELD GOOD

Purdue university, the foe in the first game, is reported to have one of the best balanced backfields in the Western conference with the well known "Pest" Welch as leader. The line is not so highly praised, and McMillin is hoping that some of his as yet unsung heroes may prove the equal of Welch and company.

Nigro, Meissinger, Fiser, Weller, Wiggins, Prentup, Price Swartz, and Evans are among the possibilities for the role of conqueror.

Last Monday Stadium field assumed a real football atmosphere when the varsity practiced a few kickoff plays. The sight of the receiving halfback shooting to the center of the wedge formation brought real thrills to the spectators.

Moll Is New Instructor

C. S. Moll, graduate of Y. M. C. A. college, Chicago, has been made instructor of physical education at K. S. A. C. Moll has had experience in physical education work at Valparaiso college and at Wisconsin state normal.

Paint the boards with old crank case oil and the cement will not stick to the forms.

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C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor
J. D. WALTERS..... Editor Emeritus

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, SEPTEMBER 25, 1929

THE SCHOOL LUNCH

A note in Modern Home News from K. S. A. C. suggests that mothers "pep up the dinner pail" by adding a salad to relieve the sameness of the school lunch. The suggestion is followed by "varied and well balanced" menus that have been worked out by a member of the home economics staff. If you have ever carried lunch to school you will enjoy a thrill of reminiscence in reading the list of toothsome things in this home economics school lunch, which, by the way, doesn't spoil the art in school lunches by introducing the sciences. There's not a word here about vitamins or calories, though, no doubt, their presence in the right amounts and proportions is assured. The child, it evidently is assumed, is a human being that likes eating his vitals without contemplating what they may do to him—except the contemplation of satisfaction in the eating.

The lucky boy—or girl—whose mother knows the art of packing a school lunch, has started life right. He will surely grow up to be a gourmet, traveling to the ends of the earth and home again to taste the good things that cooks concoct. But he will never experience the ecstasy that was an every day occurrence when he opened the school dinner pail, though he know the best chef on the best boulevard of the city of the best cooks in the world. There is no gastronomic pleasure to be compared with that derived from the surprises in a school dinner pail, no spirit of good cheer comparable to that of boys and girls eating a school lunch that has been brought into being by a mother who understands.

The menus that the home economics expert cites bring back memories. "Two large peaches, chocolate cup cake, large serving of potato salad with peas and carrots, deviled eggs, two stalks of celery wrapped in oiled paper, two fresh pears, two filled oatmeal cookies." My, no—not all these for every day! Skipping around, though, one finds these items. That is the way it was with the things one found in the school lunches of long ago. Mother would slip in the things that she knew you would want to remember long after you had found them in the pail. The sly way she had of making love to you!

BOOKS

Harbord, '86

"The American Expeditionary Forces: Its Organization and Accomplishments." By Major General James G. Harbord. Evanston Publishing company, Evanston, Ill. 1929.

Every Kansan and particularly every student and alumnus of K. S. A. C. should know of General Harbord. He is probably the most distinguished graduate of the college and he is one of the ablest and finest of those men who, by service to the nation and to humanity, have brought honor and glory to the state. This book, following upon the publication of "Leaves from a War Diary," and the second book by General Harbord since the end of the World War, is of special interest to those who would know of the ideals and achievements of this great American.

General Charles G. Dawes, formerly vice-president of the United States

and now our ambassador to Great Britain, is responsible for the publication of the book and for the placing of a copy in the college library. The book is a collection of six addresses and articles by General Harbord with a foreword by General Dawes and a biographical sketch of the author. The title of the book tells less of its contents than do the titles of the six principal chapters: "A Year as Chief of Staff of the American Expeditionary Forces;" "The Army as a Career;" "The American General Staff;" "A Month in Belleau Woods in 1918;" "Dedication of Bois de Belleau;" and "The Chattanooga War Memorial." The biographical sketch should be an inspiration to American boys. From the statement of the general's birth in Illinois in 1866 through a series of events including the removal of Harbord family to Lyon county, Kansas, young Harbord's 60-mile walk to Manhattan to enter K. S. A. C., his graduation in 1886, his 34 years of service in the United States army, and his appointment to the presidency of a great corporation, the sketch reveals a man whose life has been one continuous devotion to human welfare.

As is so strikingly true of "Leaves From a War Diary" this book is intensely human and full of wisdom and commonsense, adorned at times with flashes of wit. One reads it with lively interest, with admiration for the fine idealism of the author and with a feeling of pride and pleasure in being a citizen of a country that produces such men as General Harbord and those whose deeds he describes. Every chapter is illuminating, interesting, and inspiring.

—F. D. Farrell.

"NOR HIS SEED BEGGING BREAD"

In that balancing of life's accounts, the thirty-seventh Psalm, is this observation: "I have been young, and now am old; yet have I not seen the righteous forsaken, nor his seed begging bread."

All that pertained to the day of the psalmist is overlaid with the drifted dust of centuries. But the circumstance he noted still remains one of the verities of human experience. Writing not long ago, Ed Howe, one of the wisest of modern philosophers, said: "I do not bring many indictments against life: I have found it a rather generous master. If I violate its rules it is harsh with me, but if I obey them it is generous."

The rules of which the sage of Atchison spoke are the same the psalmist saw in operation. Living in accordance with them is, as the psalmist indicated, the best insurance possible against making a failure of life. Certainly doing so returns liberal dividends in health, serenity of mind, the respect of oneself and one's neighbors, and increased capacity for usefulness. In fact, the great interpreter, who made these rules so simple and plain that all could understand them, said of his purpose: "I am come that they might have life, and that they might have it more abundantly."

—The Country Gentleman.

STONE HOUSES

Our prophets of culture talk of a distinctive American architecture and sigh for the day when it shall come. It may be that this distinction will evolve from crackerbox bungalows and beehive apartment hotels; but, meanwhile, what was the matter with these native stone houses which belong to the early days? Why are they being abandoned in the country and either demolished or stuccoed in town?

Surely in all our native art, in song or in fiction, there is nothing more eloquent of the plains than these houses. They are as much a part of Kansas as the windy slopes from which they were quarried. They belong with the cottonwood groves and the clumps of elderberry and wild plum; and they are the spirit incarnate of the men and women who came here first and who came to stay.

They have dignity and manner, these houses. Even the smallest ones. Among the people who built them, life was lived in the essentials; and the houses knew the way. Simple and enduring they stand; a little austere, but never forbidding. Strange how men mould their dwellings to fit their souls, and mould and

mould until you can scarcely tell the soul from the dwelling. But there must have been something in the houses of native stone which cramped the next generation. For it moved out and left them to decay unloved; and it built other houses with frills and gewgaws and gingerbread, houses all alike and huddled close together as though they were afraid.

But the first houses stand as a reproach. There is one of them not far from Concordia. We rather dread to pass it. Because of broken panes of glass its eyes don't focus. And the doors sag most dejectedly. "Here I am," it always says. "I'll be here long after they are dead. Maybe they'll come back some day. You can't tell about people. Maybe they'll get tired of moving from one duplex to another some day and damaging the walnut table every

Ula M. Dow, '05; Laura Wingfield, '14, and Edna T. Coith, '14.

TWENTY YEARS AGO

Dean J. T. Willard met with the state board of health at Topeka.

Professor Kinzer left for Seattle, Wash., to act as official judge of livestock at the fair.

Mr. and Mrs. A. N. H. Beeman, '05, announced the birth of a son to whom they gave the name Elliott Atwood.

Prof. J. D. Walters gave an address at the September meeting of the Manhattan Grange on "Agriculture in Switzerland as I Saw it Last Summer."

THIRTY YEARS AGO

Prof. Brown was to be assisted in the music department by his son Harry, in charge of the band, and

Newspaper State Par Excellence

The New York Herald-Tribune

Literature is an asset in Kansas. The governor, Clyde Reed, is publisher of the Parsons Sun. The senior Senator, Arthur Capper, began as a compositor on the Topeka Daily Capital in 1884, and within eight years passed through the states of reporter and city editor to editor-publisher. And the new senator, just appointed to fill Mr. Curtis' Kaw shoes, is the redoubtable Henry J. Allen, who for three decades was the fighting editor of the Wichita Beacon. Nor is this all. The most famous and powerful private citizen of Kansas, the Omaha World-Herald points out, is William Allen White, who has made the Emporia Gazette, published in a town of 15,000, one of the great papers of America. Next to White ranks Ed Howe, 34 years editor and proprietor of the Atchison Globe, and next to general hell-raising, Kansas's best known private industry, is young Mr. Haldeman-Julius's book-by-the-million business at Girard, which is not big enough to appear in the almanac's list of 5,000-head towns.

Surely there is no state where editors are so powerful as in Kansas. What is it in the hot sun and sky of the corn fed state that would make such men and gives them their power? Iowa and North Dakota are as purely agricultural, but they lack Kansas' newspaper traditions; the country is dotted with towns no larger than Wichita, no smaller than Girard or Emporia, which to the outward eye have precisely the same main streets and the same grocery stores, the same make of automobiles and radio, the same backyard cherry trees and frontyard Norway maples. But their newspapers are not Kansas' newspapers and their editors are not like Kansas editors. Kansas today is par excellence the newspaper state of America.

time they move. They could live here and their children could live here decently and in peace; and there would be room for their books and the things they cherish. Stone walls make a cool house in the summer. It's like resting in the shade of a north cliff. Stone walls stand firm against the wind and sleet. Stone walls are good things to feel when you're frightened or alone. But they wanted to be near the Smiths, so they moved away. Perhaps it's better so." —Marian Ellet in the Concordia Blade Empire.

IN OLDER DAYS

From the Files of The Industrialist

AN EXPLANATION

College enrolment figures printed at the head of each 10-year period section of "In Older Days" in last week's issue of THE INDUSTRIALIST were the totals for the years as stated. The figures were taken from the tabulation of the record of attendance in part II of the current college catalog, which shows a total enrolment in the school year 1928-29 of 3,879, as compared with the total of 3,352, the figure for the school year 1919-20, which was the figure at the head of the "Ten Years Ago" column in last week's INDUSTRIALIST.

TEN YEARS AGO

J. W. Wittmeyer, '13, was principal of the schools at Moore, Mont.

Louise L. Hodgson, '16, was a Manhattan visitor to attend the Sherwood-Hodgson wedding.

B. Q. Shields, '18, was in Manhattan enroute to Sydney, N. S. W., Australia, where he was to take up his duties as United States vice consul.

Those representing K. S. A. C. at the annual meeting of the American Home Economics association at Blue Ridge, N. C., were Jessie Hoover, '05;

Miss Bertha Jaedicke of Hanover, in charge of piano.

W. L. Hall, '98, assistant in horticulture at K. S. A. C. for two years, was appointed assistant superintendent of tree planting in the division of forestry, United States department of agriculture.

Prof. Walter T. Swingle, '90, generally regarded as one of the world's best authorities on vegetable pathology, had traveled through Germany, France, and Italy, and was then touring Algiers, Africa, in the service of the department of agriculture.

FORTY YEARS AGO

H. S. Willard, '89, was teaching at Keats.

E. M. Fairchild returned to Oberlin, Ohio, where he was to complete his classical course.

Carrie Morse of the Freedmen's schools of Birmingham, Ala., was a visitor at the college.

President Fairchild and Professor Shelton called on Secretary Rusk of the department of agriculture while in Topeka.

Susan Nichols, '89, was continuing her study of music under Professor Brown, and taking graduate work in botany and sewing.

FIFTY YEARS AGO

Among college visitors was John Davis, well known editor of the Junction City Tribune.

A college orchestra composed of 10 student members was organized by Professor Hofer.

Louis, oldest son of the Rev. R. D. Parker, was injured when thrown from a horse, but was expected to recover.

SUCCESS

Emily Dickinson

Success is counted sweetest
By those who ne'er succeed.
To comprehend a nectar
Requires sorest need.

Not one of all the purple host
Who took the flag today
Can tell the definition,
So clear, of victory.

As he, defeated, dying,
On whose forbidden ear
The distant strains of triumph
Break, agonized and clear.

SUNFLOWERS

H. W. D.

BRIGHTER OUTLOOK

The educational outlook for 1929-1930 is much brighter than it was for 1928-1929.

The principal reason is that Mary the Coed's hair is now either long or short. For the past two educational seasons it has been most frowsy and irritating, and she has been all undecided about it.

Mary has made little progress along the rocky road to knowledge recently because her higher centers have been intrigued with the problem of giving up and getting a boy-bob or sticking it out until she could get some sort of knot to hold at the base of her skull.

Most girls have surrendered to the shears, of course, just as we prayed they would; but the remaining few have worried on, gradually tied in the straggling wisps, and finally achieved Mona Lisa lines. They may not remain satisfied with the fruits of their persistence, but they are apparently satisfied now. That is the big thing. For a while at least they can turn their attention to the finer things like college rhetoric and chemistry and French verbs.

For two years we have suffered in silence. Not only have we had to look at longshort hair—we've had to listen to unceasing discussion concerning it. We have heard friends assure Mary that she didn't look a bit bad when she actually resembled a Persian cat just out of a bath or a calf rescued from a well. We have heard Mary reply poutingly that she "just knew" they were only trying to make her feel good and that she was certain she "just looked awful." Then we've had to listen to reassurance that was perjury in the Nth degree.

The thing we are proudest of is that we have never, so help us heaven, lied to a single innocent, perturbed girl about the becomingness of three-quarter length locks. We are sure there is some kind of crown awaiting us for our honesty. At times the odds have been as many as ten to one against us, but the nearest we every came to acquiescing was to admit that it wasn't as bad as it might be. And every one of those times we had our fingers tightly crossed.

Art admits no compromise. There's a long and a short of it, but it abhors the middle ground. Efforts of style barons to stop skirts at the half-way point between the floor and the knees proved signally futile. And hair that was neither long nor short practically nullified higher education for a season or two.

Another thing that gives us hope for the 1929-1930 school year is that Mary the Coed is about as thin as she can get without evaporating. She won't have that to think about either. As we see it, she is going to have to study now and then and talk about it occasionally in order to keep rattling on.

Educators in institutions where they harbor coeds are on the brink of a big opportunity. If they can catch the imagination of the feminine mind this year and direct it toward the mysteries of learning and culture, they may be able to convince the public that the pittance with which they are rewarded is not tossed entirely away.

Our optimistic assurance, of course, is contingent upon the non-appearance of any other artistic or stylish dilemma. If Mary gets to worrying about fading from sun tan to lily white, it's all off.

Though thou shouldst bray a fool in a mortar among wheat with a pestle, yet will not his foolishness depart from him. —Old Testament.

AMONG THE ALUMNI

The following alumni registered at the alumni office while visiting K. S. A. C. during commencement week activities last June:

Edna H. Butler, '18, New York City; Bernice Johnson Dunham, '24, Beloit; Gladys Bergier Rogers, '19, Pampa, Tex.; David G. Robertson, '86, Evanston, Ill.; F. M. Seekamp, '97-'98, Mulvane; H. A. Holzer, '99, Pittsburg; Maude Lahr Trego, '22, Kansas City Kans.; Marie Hammerly Bayer, '20, Detroit, Mich.; Edna Circle, '28, Kiowa; Otto H. Elling, '01, Lawton, Okla.; Charles J. Burson, '01, Manhattan; L. M. Jorgenson, '07, Manhattan; A. L. Clapp, '14, Manhattan; W. H. Olin, '89, Denver, Colo.; Opal M. Endsley, '27, Manhattan; Edith Findley Tate, '18, Westfield, N. J.; S. D. Capper, '21, Manhattan; Florence Dial, '19, Manhattan; Lena Darnold, '28, Kansas City, Mo.; Leona Hanson, '27, Randolph; W. E. Grimes, '13, Manhattan; E. F. Kubin, '09, McPherson; Emma Lee Kubin, '10, McPherson; Ruth Bowman, '28, Manhattan.

Carl P. Thompson, '04, Stillwater, Okla.; J. W. Bayles, '89, Howard; Mrs. J. W. Bayles, Howard; M. C. Axelson, '28, Manhattan; W. H. Sanders, '90, Manhattan; Frances Maree Richards, '27, Manhattan; D. E. Bundy, '89, Oketo; Edna Biddison Lumb, '08, Manhattan; John J. Bid-dison, '04, Minneapolis, Minn.; Roy A. Seaton, '04, Manhattan; Jacob Lund, '83, Manhattan; Katharyn Zipse, '13, Manhattan; Olive Flippo, '27, Abilene; James W. Linn, '15, Manhattan; Alpha Latzke, '19, Manhattan; Maude Deely, '23, Manhattan; Myrtle A. Gunzelman, '19, Manhattan; Mrs. Marion Jones Pincomb, '96, Overland Park; Anna Smith Kinsley, '01 and A. T. Kinsley, '99, Kansas City, Mo.; James H. Whipple, '04, Topeka; E. L. Cottrell, '99, Zeandale; Jennie June Needham Carter, '99, Rantoul; R. T. Nichols, '99, Hiawatha; May Nixon Linn, '14, Manhattan; Conie Foote, '21, Manhattan.

Mr. and Mrs. W. B. Banning, '04, Lyndon; Frank Bates, '04, Kansas City; Claire Cox, '28, Moran; George L. Christensen, '94, Manhattan; Martha Cottrell, '94, Zeandale; Hat-tie Forsyth Felton, '04, and Ralph Fenton, '04, Dwight; Louisa Mael-zer Haise, '99, Crowley, Colo.; Anna Pfuetze Julian, '99, Olathe; J. C. Bolton, '99, Wamego; Harry W. Johnston, '99, Manhattan; Geo. C. Peck, '84, Jewell; Mrs. L. E. Call (Clara Willis), '08, Manhattan; C. H. Scholer, '14, Manhattan; W. H. Sikes, '79, Leonardville; G. H. Fail-ey, '77, Manhattan; J. T. Willard, '83, Manhattan; Mrs. Hattie Peck Berry, '84, Manhattan; Frank Brok-esh, '28, Manhattan; Vera McDon-ald Pyle, '04, Manhattan; C. M. Correll, '00, Manhattan; Retta Womer Flaxbeard, '04, Smith Center; V. D. Foltz, '27, Manhattan; Jennie Cottrell Nelson, '04, Manhat-tan; Mary Davis Ahearn, '04, Manhat-tan; F. A. Smutz, '14, Manhat-tan; Anna Morlan, '28, Courtland; Carrie Painter Desmarias, '99, Meade; Edna Cockrell Daniels, '09, and James S. Daniels, '09, Lawrence; Elizabeth Allen, '28, Manhattan.

F. J. Habiger, '99, Bushton; Blanche Burt Yeaton, '14, Shallow Water; Lilian Baker, '14, Manhat-tan; Lucile Burt, '28, Manhattan; Stuart S. Young, '08, Coffeyville; Viva Brenner Morrison, '04, Manhat-tan; G. C. Wheeler and Mrs. G. C. Wheeler, '95, Denver, Colo.; Nell Flinn, '16, Manhattan; H. C. Rush-more, '79, Kansas City, Mo.; Lola Sloop Keys, '19, Boyle; Margaret Copley Buchholtz, '09, Olathe; Geo. H. Railsback, '14, Manhattan; Ethel Roseberry Grimes, '14, Manhattan; H. W. Avery, '91, Wakefield; Stella Hawkins Gallup, '09, Kansas City, Mo.; F. A. Dawley, '95, Manhattan; P. W. Russell, '28, Saffordville; Har-ry E. Van Tuyl, '17, Manhattan; W. H. Hiltz, '18, Reno, Nev.; Dr. Maude Sayers DeLand, '89, Topeka; F. A. Marlatt, '87, Manhattan; Schuyler Nichols, '98, Manhattan; M. A. Dur-land, '18, Manhattan; Crystal Wag-ner, '27, Manhattan; C. Reid Machir, f. s., '24, Kansas City, Mo.; Mary Fidelia Taylor, '19, Manhattan.

Evangeline Casto Ford, '18, Brook-ings, S. D.; Greeta Gramse Hay, '19, Pasadena, Calif.; Lucille Gramse, '23, Perry; Freda Carlson, '13, Manhat-

tan; Myrtle Oskins Allis, '09, Omaha, Neb.; Belle Hagans, '22, Abilene; Minerva B. Dean, '00, and George A. Dean, '95, Manhattan; Nellie Aberle, '12, Manhattan; Eusebia Mudge Thompson, '93, Manhattan; Francis J. Nettleton, '25, Winfield; Alta S. Hepler, '19, Manhattan; Olive Loger-strom, '19, Manhattan; Christine Heim Moffitt, '10, Lincoln; Charles A. Scott, '01, Manhattan; Florence Carpenter Andrews, '09, Jetmore; R. J. Barnett, '95, Manhattan; Eliza-beth Circle Garver, '20, Merriam; Esther Boell Ragle, '14, Dearborn, Mich.; Margaret Crumbaker, '19, Manhattan; Mary Crumbaker John-son, '19, Randolph; Ira D. S. Kelly, '24 and Mrs. Mildred C. Kelly, Thebes, Ill.; E. M. Paddleford, '89, and Mrs. Louise Reed Paddleford, '91, Randolph; Cora Thackrey Har-ris, '98, Manhattan; Amanda Kittell Conner, '09, El Centro, Calif.; A. G. Kittell, '09, Topeka; B. Buchli, '84, Alma; Anna Dahl Davis, '98, Man-hattan; Myra T. Potter, '28, Manhat-tan; Fred C. Sears, '92, Amherst, Mass.; Izez M. Allison, '98, Florence; Alice M. Melton, '98, Manhattan; and John E. Franz, '23, Norfolk, Neb.

LOOKING AROUND

KENNEY L. FORD

A report of our trip to the Amer-ican Alumni council meeting at Tor-onto and Muskoka lakes, Ontario, Canada, June 25 to 29, may be of interest to our membership. This trip was made by automobile, which made possible visits to a few alumni offices and local alumni associations enroute.

We spent nearly one-half day with "Bob" Hill, alumni secretary at Mis-souri university, June 19. The next alumni office visited was at the Uni-versity of Illinois on June 21, where we spent quite a little time with Carl Stevens, editor of the Illini Gradu-ate magazine.

The following day was spent with the Chicago alumni, and we enjoyed a Saturday noon luncheon at the Cen-tral Y. M. C. A. hotel in Chicago. The meeting was presided over by L. A. Fitz, president. The program consisted of a talk by your secretary, and visiting. Those present were:

Howard Williams, '27, 1319 Estes avenue, Chicago, Ill.; M. C. Watkins, '22, 5008 N. Winchester street; Floyd Hawkins, '20, 1515 W. Mon-roe street; C. E. Dominy, '26, 6406 Minerva street; Selma E. Nelson, '12, 5145 N. California avenue; E. C. Scott, '24, 6706 Cornell avenue; W. H. Koenig, '22, 6201 Woodlawn ave-nue; D. C. Thayer, '20, 7715 South Shore Drive; Kennis Evans, '28, 7151 Normal avenue; B. Q. Shields, '18, 77 West Washington street; C. Marie Shields, '28, 5345 Blackstone avenue; H. C. Shultz, '19, 1719 Ains-lee street; George S. Clinton, f. s., and Margaret (Schultz) Clinton, '13, 5627 Glenwood avenue; Laura Fay-man, f. s., 5728 Blackstone avenue; Geneva (Hollis) Riley, '24, 1153 E. Fifty-sixth street; Helen E. Elcock, of the K. S. A. C. faculty and on leave of absence, 5722 Dorchester avenue; H. M. Porter, '26, 1379 Greenleaf avenue; H. Harbecke, '11, 7518 Langley avenue; L. A. Fitz, '02, 5630 Wayne avenue; David G. Robertson, 911 Reba Place, Evans-ton, Ill.; Mr. and Mrs. A. H. Ford, '22, Downers Grove, Ill.; E. E. Gil-ber, '21, 7941 N. Kedvale avenue, Morton Grove; N. L. Roberts, '25, 138 Haven Road, Elmhurst; A. M. Young, '28, 1586 Oak avenue, Evans-ton; Thos. R. Brennan, '29, 901 So. Sixth avenue, Maywood; Chas. C. Campbell, 807 Woodbine street, Oak Park; Mary A. Worcester, Georgia Women's college, Valdosta, Ga.; Mr. and Mrs. Homer J. Henney, '21, Man-hattan; Mr. and Mrs. Kenney L. Ford, '24, Manhattan.

David G. Robertson, '86, expressed his desire to see some alumnus make possible the building of a new ad-ministration building at K. S. A. C.

The following Sunday and Monday were spent in driving to Toronto. We arrived Tuesday morning at the University of Toronto. Morning con-ference sessions consisted of a report by Wilfred P. Shaw, past secretary of the University of Michigan Alumni association, on "The Aims and Policies of the American Alumni Council." Shaw has been given an appropriation of \$12,000 by the uni-versity to make a study of and form

a working program for continuation education for alumni after they leave their alma mater. He said that con-tinuation education for alumni was as yet an undeveloped field but he felt that it was inevitable. He pre-dicted a wholesome change in alumi-ni attitude and cooperation with the college, as they gradually become more interested in their alma mater as a source to them of cultural, vo-cational, and avocational information rather than an overemphasis of inter-collegiae athletics.

The remainder of the day was spent in seeing Toronto and the Hart House, a gift of an alumnus of the University of Toronto, in which is housed a library, an art gallery, dor-mitories for men, a gymnasium, a faculty dining hall, a student dining hall, and other costly features which served to arouse the envy of the en-tire delegation.

The following day the council ses-sion proper began at Muskoka lakes. The afternoon meeting, "State Uni-versities and Colleges," with Fred Ellsworth, University of Kansas, pre-siding, discussed "Building an En-dowment for the Alumni Associa-tion." This topic stimulated a dis-cussion in which it was brought out that a few alumni associations are interested in establishing such an en-dowment. Your secretary was asked to inform the group present as to the student loan fund maintained by the K. S. A. C. Alumni association. This report drew favorable comment from several of the secretaries during the discussion, and later a few individu-als inquired more specifically about our loan fund.

Following this session we attended "Kindergarten for Newcomers" in charge of John D. McGee, College of Wooster, Ohio. The kindergarten meeting was of special value to be-ginners because it dealt with such problems as filing systems, records, and other details of the alumni office which are difficult to operate effec-tively and yet are but scarcely no-ticed by alumni outside of the alumi-ni office. The publication of alumni directories was also discussed at this meeting.

At the dinner meeting Wilfred B. Shaw, University of Michigan, pre-sided. Frederick P. Keppel, presi-dent of Carnegie corporation of New York, gave a very interesting talk on continuation education for alumni, suggesting that the American Alumi-ni council should cooperate with other agencies already in the field of adult education. He also expressed the opinion that 90 per cent of the alumni continuation education would be vocational and 10 per cent avoca-tional and cultural.

At the Thursday morning meet-ing the topic of alumni funds was discussed. The alumni fund seems to be in use in most of the older en-dowed or semi-endowed institutions. By alumni fund is meant a group of enterprises sponsored by the alumni association.

The afternoon meeting with Mr. L. B. Smelser, Vanderbilt university, presiding, was not attended by the state university and college group, due to the fact that an extra session had been requested by them to finish the discussion of the preceding day. At this meeting Mr. Tapping, past field secretary and now execu-tive secretary of the University of Michigan Alumni association, re-ported work that he has successfully carried out in organizing Michigan alumni clubs. More than one hun-dred Michigan clubs are functioning. These clubs are operated on the bud-get system and most of them have a \$10 annual membership. They feel that their clubs are very successful; while they do not maintain 100 per cent membership in some of the towns and communities, they feel that their membership is made up of men and women who are most active and most fitted to put over the alumi-ni program.

The Friday morning session was under the leadership of Carl Stevens, University of Illinois. The subject considered was alumni magazines—a subject of much interest to alumni secretaries. The speaker, a member of the printing department of Yale university, criticised the average alumni magazine as being too "jazzy."

The Friday afternoon session was given over to small, endowed col-leges, but was of value to representa-tives from state institutions. The

final topic discussed was alumni re-unions. It was noted that some col-leges seem to have a much larger number of returning alumni when the sororities and fraternities hold their annual spring parties during commencement week.

Generally speaking, it was found that all alumni associations have their problems and their griefs the same as we do at K. S. A. C. On the whole the conference was most ably handled. Discussions were frank and to the point and everyone seemed most anxious to be of service to the other fellow, especially the be-ginners in alumni work.

The day at Schenectady with the General Electric engineers was spent in visiting officers and those most active in their local association. The officers of the Schenectady associa-tion are: C. C. Tate, '27, president; G. E. Buck, '24, secretary-treasurer; S. J. Tombaugh, '27, past president. Schenectady alumni meet three or four times each year and they plan to continue this program.

We arrived at Washington on Wednesday, July 3, and spent the afternoon visiting L. N. Davis, '09, past president of their local associa-tion, and H. W. Marston, '21, presi-dent for the coming year. The fol-lowing morning we spent about two hours with Marston and Morse Salis-bury, '24, who is secretary of the Washington association. At this time we went over our life mem-ber-ship list and the need for increasing our membership at Washington and also the possibility of holding about four alumni meetings in Washington during the coming year.

The following day, July 5, was spent at Pittsburgh, Pa., with our Westinghouse alumni. It seems that the Pittsburgh alumni have always maintained an active local associa-tion and they generally get a good turnout for their meetings. The of-ficers of the Pittsburgh association are: L. G. Tubbs, '17, president; L. L. Jensen, '13, vice-president; H. A. Rose, '25, secretary-treasurer. They seemed very much interested in our alumni program and promised to try to increase their membership in the K. S. A. C. Alumni association at their next meeting. Pittsburgh was the last stop with alumni.

I feel that the trip was very much worth while and that we will have a better understanding and closer co-operation between the local associa-tions visited and the K. S. A. C. of-fice.

Michigan Alumni Get Chicken

K. S. A. C. alumni of Michigan met in Grand Rapids on August 3. En-tertaining hostesses were Mrs. Mary A. Johnson, '14, and Mrs. L. L. Lo-zier, '12, of Grand Rapids. They were formerly Misses Mary and Georgia Canfield and are graduates in home economics.

A fried chicken dinner was served on the steamboat "Ramona" on Reed's lake at Ramona park, Grand Rapids. After the dinner each of those present introduced himself, gave his year of graduation, and told what he has done since graduation. A paper of recent K. S. A. C. news and gossip prepared by Lynn Hor-wege, '31, was read by L. L. Lozier. Officers for the coming year are: J. C. Christenson, '94, Ann Arbor, Mich., president; Esther Wright, '21, Detroit, secretary-treasurer. The evening was spent in playing bridge.

A few friends and close relatives of the members of the alumni asso-ciation were also present. Those at-tending were: Mr. and Mrs. E. K. Emslie, '13, Flint, Mich., and Mr. Emslie's mother; Mr. and Mrs. Christenson of Ann Arbor; Mr. and Mrs. R. L. Wilson, '09, of Saginaw; Earl Domoney, f. s., of Rochester; Archie Morgan, f. s., of Jackson; Emily Rumold, a student at K. S. A. C.; Mary Katherine Russell, '28; Esther Wright, '21; and Mr. and Mrs. George Elliot, '11, all of De-troit. Mr. Elliot was formerly a football star at K. S. A. C. Those from Grand Rapids were: Mrs. Harriet Wheeler and son, Junior; Mary Canfield Johnson and daughter, Lila Lee; L. L. Lozier and Georgia Can-field Lozier, and Elmer Stephenson, a friend. Some alumni whose names could not be obtained were also pres-ent. Alice Paddleford, '25, of Grand Rapids was to have attended, but was unavoidably detained at the last mo-ment.

RECENT HAPPENINGS ON THE HILL

Miss Ruth Hlavaty, the new in-structor in piano at K. S. A. C., is ill in Charlotte Swift hospital.

The Ag barnwarmer, annual party of the division of agriculture, will be held October 11 in Nichols gymna-sium, according to Ed Habiger.

M. F. Ahearn, director of athletics, attended the recent Kansas City meeting of the Big Six conference. From there he went to Chicago to attend the convention of the Nation-al Boxing association.

The Kansas State cross country men, under the direction of Temple Winburn, former captain, have be-gun training for their fall schedule. This includes the valley meet, and races with the University of Okla-homa, Oklahoma Aggies, Missouri, and Iowa State.

The first Big Sister party of the season held September 12 in Nichols gymnasium was attended by more than 500 girls. Misses Pauline Sam-uels and Mary Belle Read were in charge of the party. The purpose of the Big Sister organization is to help the girls get acquainted.

A new \$50,000 structure will be built by the Methodist church across from the south campus gate, Rev. B. A. Rogers, Methodist student pastor announced this week. The proposed name of the building is the Wesley Foundation student center and it is to be a devotional and recreational center for students, according to Reverend Rogers.

MARRIAGES

SMITH—DAVIS

Announcement has been made of the marriage of Lorraine Smith, '29, Manhattan, and Claire Davis, Allen, on March 30 at Eureka.

McCLALLEN—CARP

The marriage of Mary A. McClal-len of Wichita university, '18, and Fred H. Carp, '18, Wichita, took place on Wednesday, April 17. Mr. and Mrs. Carp are making their home in Wichita.

MARTIN—REED

The marriage of Irma Martin, Downs, to Floyd Reed, '28, took place on May 19, at Norton. Mr. and Mrs. Reed will make their home at Edmond where Mr. Reed is prin-cipal of the high school.

SCHEPP—WILKIE

Mr. and Mrs. Albert Schepp, for-merly of Manhattan, announce the marriage of their daughter, Frances, to Mr. Leslie Wilkie on August 5 in Tulsa, Okla. Mrs. Wilkie was a 1928 graduate in architecture.

PIERCE—McGRATH

The marriage of Elsie May Pierce, Beattie, to Mr. Harry McGrath, f. s., Home City, took place on May 18 at Seneca. Mr. and Mrs. McGrath will return to Home City to make their home after an extended wedding trip.

JOHNSON—MAYDEN

The marriage of Walter Mayden, jr., '29, of Bartlesville, Okla., and Miss Thelma Johnson of Abilene took place at Abilene August 11. Mr. and Mrs. Mayden are making their home at Bartlesville where Mr. Mayden is employed by the Indian Territory Illuminating Oil company.

TRANT—BUECHE

The marriage of Miss Ruth Trant, Manhattan, to Harry S. Bueche, Man-hattan, took place on May 27 in Kan-sas City. Mrs. Bueche has been an instructor in physical education at K. S. A. C. Mr. Bueche is an as-sistant professor in the department of electrical engineering at K. S. A. C.

OLSON—MATSON

The marriage of Gerda Pauline Olson, '21, to T. F. Matson, Iowa State college, '16, took place Sep-tember 1, at the First Christian church in Wichita Falls, Tex. Mr. Matson is connected with the Wickes Engineering and Construction com-pany of Des Moines, Iowa. At pres-ent Mr. and Mrs. Matson are living in Pella, Iowa.

EGYPT FURNISHES CONTRASTS BETWEEN MODERN AND ANCIENT

BOTANY DEPARTMENT HEAD DISCUSSES IMPRESSIONS OF TWO YEARS WORK IN NILE VALLEY—SAYS METHODS OF FARMING MAY BE ECONOMICALLY SOUND

Prof. L. E. Melchers, head of the department of botany and plant pathology of K. S. A. C., was in the employ of the Egyptian government as chief mycologist and organized the work in plant diseases. He traveled into every section of Egypt where crops are produced as well as far into the Arabian and Libyan deserts to inspect the oases. In addition to his work for the Egyptian government he made collections of Egyptian flora, plant diseases and some insects which have been turned over to the college collections.

Three Egyptian men, Dr. Monir Bahgat, Dr. L. Solimon and Dr. M. Kamal, former students of Professor Melchers and graduates of K. S. A. C., are in the government service at Cairo and were associated with him in his work. "They made my stay most pleasant and profitable," he said.

The following article is made up of excerpts from a recent chapel talk given by Professor Melchers:

One could not live a year and a half in the oldest country in the world without forming some very definite ideas and opinions about its land and the people. Egypt 4,000 years ago and Egypt today are very similar, not that this country has not advanced in civilization—it has; but one has only to scratch the veneer to discover at this time the same naked humanity sweating in the sun, guiding the wooden plow, sowing the seed, lifting water by hand, cutting the wheat with the sickle, and winnowing the grain in the same old way. This is definitely proved by the decorations on the walls of the temples and other monuments.

Egypt is a large country, tucked away in the northeastern part of the great African continent. It has some 224,000,000 acres of land, which is four and a quarter times the size of Kansas. Ninety-seven per cent of this country is desert or non-tillable. This means that 5,500,000 acres of land must sustain a population of over 14,000,000 people. Kansas has about 22,500,000 acres under cultivation and less than 2,000,000 population; in other words, Egypt has over seven times the population of Kansas and about one quarter of the amount of cultivated land to sustain its population. Naturally, living conditions are different.

Agricultural land varies in value from \$200 to \$2,000 an acre, which means that crops must be constantly grown to make it pay. The climate of Egypt is similar to that of California. There is no snow, scarcely ever a frost, and for the most part rainless; in fact, crop production is in no place dependent upon rainfall. Were it not for the Nile, Egypt would be 100 per cent desert.

CAIRO MODERN CITY

Cairo, the seat of government, is a modern city in all respects, having a population of more than a million and being the largest city in Africa. It has beautiful stone, concrete, and stucco buildings, beautiful stores, paved and electrically lighted streets, all modern conveniences for traveling, splendid hotels, a filtration plant that does justice to any city; in fact, is a cosmopolitan center and one of the headquarters for tourists.

Egyptians belong to the Caucasian or white race. Naturally those who are out in the sun, as the peasants, are dark-skinned, but one is amazed at the fairness of many of the Egyptian women of the middle and higher class. They are just as white as we are, having, of course, the dark eyes and dark hair.

Between 85 and 90 per cent of the Egyptian population is illiterate. The peasant or Fellahin group constitutes about 80 per cent of the population. They are a happy, good-natured, carefree, contented, hospitable, intelligent, but uneducated group of people. I believe there is no harder working class in the world. This group lives a very normal existence as far as social relationships are concerned. The men, women, and children work together in the fields, going to and from their villages, taking their farm implements with them in the morning and bringing them back at night.

Economic conditions undoubtedly force the women to work and in this respect there is a big contrast between this group and the middle or upper class. The peasants live in villages, the huts are made of Nile mud or bricks baked in the sun. One house joins the others. Sometimes they are built on top of each other, with no back yards, but the entire aim is to use as little land as possible. These houses have holes in the walls for windows and doors; no glass is ever seen, nor screens. The roofs are piled high with cornstalks and cotton sticks and general rubbish of all kinds. Their fuel consists of cornstalks, cotton sticks, and the dried dung from the water buffalo which is used in their earthen ovens and stoves.

ANIMALS ARE WELCOME

The rooms have absolutely no furniture, no artificial light, and the floors are mud. The chickens, goats, and other animals are as welcome and as much at home in many of the houses as are the people themselves. The clothes are of the simplest. The men generally have no shoes nor stockings. They wear a pair of cotton pantaloons which come slightly below the knees and have a draw string at the waist. A loose gown of cheap material similar to an old-fashioned nightshirt constitutes the balance of their clothing. Generally a little woolen skull cap is their headwear. The women are similarly inexpensively dressed, but in addition have a black draping shawl over their shoulders and head which they wear continually. They do not have on veils, at least when they are working in the fields. The men receive about 25 cents a day, the women 15 cents, and the children 5 or 10 cents, when they are working in the fields. The large land owners generally own one or more of these villages and these people work for them. In addition to this small pay, they may be given a small piece of ground to grow fodder for their water buffalo or gamoose, and perhaps a few vegetables. Their food is of the very simplest, meat once or twice a week of the poorest grade, horse beans are a favored food, native cheese from Water buffalo milk, bread made from corn or sorghum flour, less frequently from wheat as it is too expensive. They eat many vegetables as these grow profusely and are quite cheap. Frequently salads are made from some of the weeds which they have learned to gather in the fields and have found to be palatable and nutritious.

The Fellahin are very superstitious and this has been one of the difficulties for the medical science to overcome. Women could not for a long time be persuaded to bring their infants for medical attention and as a result the death rate has been extremely high. Charms of many kinds are used to keep the "evil eye" or "spirit" away, they believe that the charms will prevent their children from dying, cause them to walk early, etc.

The middle and upper class of people constitute about 10 or 15 per cent. They are well educated, speak several languages, have traveled more or less extensively. The men are the large land owners, government officials, and occasionally engage in some industry. In no case, however, is a girl or woman of this class ever engaged in business or in a public position. This would be a disgrace and degrading. Their dress, both men and women, is of European type and modern. Only the old generation of women are still wearing veils. Their social customs are entirely different from those of the peasants. Men and women never mingle in any social gathering, nor is an Egyptian seen walking in the street or in a public gathering with his wife or his daughter. The women are to themselves and the men collect in the cafes and clubs where they spend their evenings. A woman of this class is never seen walking in the street in the day, or in the evening, either alone or in the company of a man; if so, she immediately is recognized as a woman of questionable character and any girl would

lose her chance of marriage. At present there is no other possibility for an Egyptian girl of this class except marriage and not to be married is a catastrophe; however, there is a big movement on foot for women's rights in Egypt and I think it is only a question of time when things are going to change.

THE NILE

No other river in the world has the history or scientific interest back of it that the Nile has. Opposite to the ordinary belief, the Nile flows from the south northward, which is contrary to the direction of the majority of our rivers. Its source comes from two branches, the Blue Nile, originating in the mountains of Abyssinia and the White Nile, coming from the south and west in the Lake regions of the tropics. They join at Khartum in the Sudan to form the Nile which is about 4,000 miles in length, being only a few hundred miles shorter than the Mississippi-Missouri. It flows through Egypt for a distance of about 800 miles, branching just above Cairo to flow into the Mediterranean.

The cultivated land in Egypt is restricted to the Nile valley and the delta which in years past was formed by the annual overflow of this river. In many places the banks of the Nile have been raised and reinforced and are above the surrounding land. During high Nile the banks in many places must be heavily guarded for an overflow would spell disaster. The annual rise of the Nile takes place in August and September. At this time what water is not used for crop production is allowed to escape into the ocean. After the flood reaches the large dam at Assuan which holds over 2,000,000,000 tons of water is so constructed that its sluices are gradually closed, damming up the water, only sufficient water being allowed to pass for crop production. The dam must be completely filled by January or February in order that the supply is ready for the summer. The dam was built, not to irrigate more land in Egypt, but to take care of the crops during late spring and summer when the Nile does not supply sufficient water. Several barrages or dike-like constructions have been built across the Nile at different places. These are to raise the level of the water so as to allow it to flow into the main canals, secondary, and tertiary canals. The water can be regulated by these barrages to any desired height. As in the case of the Assuan dam, a large number of sluices or gates does this regulating. The water from the small canals does not always flow onto the agricultural lands without further lifting. It is such a common sight in Egypt to see the water lifted by means of the Archimedean screw,

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. at Lafayette.
Oct. 12—Texas A. & M. at Dallas.
Oct. 19—Kansas U. at Lawrence.
Oct. 26—Oklahoma U. at Manhattan.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

or the shadoof. Men and women may be seen taking turns lifting the water by hand. The sakiyah or water-wheel with its groaning, moaning sounds is one of the landmarks of Egypt. Two cogged wooden wheels are arranged with an endless rope with earthen jars or other containers tied to it. This home-made device is propelled by water buffaloes or camels which have been blindfolded in order that they may not become giddy in their circular, never-ending path. All these methods of applying water are slow and the areas which can be irrigated are restricted.

One realizes the tremendous tasks that Egyptians have attempted by means of their hands and physical strength, whether it was 4,000 years ago or today. This is evidenced by the hundreds of miles of canals that have been dug by hand. No steam shovels or derricks have gullied out these immense ditches, some of them being two or three hundred feet wide and 50 feet deep. It seems impossible to realize that human hands have done this. Strength and accomplishments in numbers seems to apply here.

Fred Huff, '29, is with the Wilbur Nursery company at Clayton, Mo.

Thomas A. Mitchell, '26, and family visited K. S. A. C. recently. Mr. Mitchell is instructor in physics at the Emory university, Emory, Ga.

Dr. L. A. Spindler, '26 and '27, who recently received the Ph. D. degree from Johns Hopkins university, has been appointed parasitologist in the United States bureau of zoology.

Wilbert G. Fritz, '27, has accepted a position at the University of Pennsylvania at Pittsburgh, Pa. He has spent the past year in New York City attending New York university and taking work toward his doctor's degree.

Dr. W. S. O'Neal, '26, of St. Charles, Mo., is ninth district executive committeeman of the American Legion. He recently presided over a meeting of legionnaires held at a gathering in St. Charles to dedicate a \$20,000 war memorial building.

PROGRESS OF KANSAS PRESS

F. E. C.

M. L. Post of the Neosho Falls Post is starting his paper out on its fifty-ninth volume.

If you have difficulty getting American Legion notes in your town, try what the Holton Recorder does. Have the post commander appoint a post correspondent who will see that something is written each week. A recent Legion column in the Recorder was nearly a column long and contained newsy items.

H. A. Dawson, editor and publisher of the Russell Record (twice-a-week), is the latest Kansas newspaperman to announce plans for building a new home for his plant. The building will be 52 by 120 feet and of Spanish design. California stucco finish, and a Spanish styled terrace are to be exterior features marking the structure.

Anniversary editions and jubilee numbers have been noticeably in vogue during 1929. For those who plan to print something similar, the Barber County Index will furnish excellent ideas for historical sketches, advertising ideas, and other features. The pictorial contributions were especially good in the Index. It has been several months since Editor Hinshaw published his fiftieth anniversary number but it still is being read.

Editor B. F. Hemphill of the Economist, Clay Center, took a well-earned vacation during the summer to visit California and other western

states. In his absence, his daughter, Helen, and son, Marion, managed the paper. Of course they tried out some young ideas as young editors will—and of course the Economist went merrily along as usual. A unique heading for "personals" in the Economist was "The Community's Minor Happenings." Those were big things told in little stories. And from "Out of the West" came the usual easily-read paragraphs from Editor B. F. H.

What makes a newspaper practice right or wrong? Is the conventional thing the correct thing? Sometimes editors wonder whether it is best not to run ads on the front page, whether it is best to keep the circulation list 100 per cent paid in advance, whether headlines are necessary. Usually the answer can be found in the policies followed by the newspapers which are most successful financially.

Here's one that's puzzling! Recently one of the good Kansas weeklies ran an advertising line above the name plate on the front page. The line, advertising chicken feed, was set in 36 point black face caps—almost as big as the name of the paper itself. Just how great an error was the manager of that paper making? Perhaps he was well paid for the line. Perhaps, too, a dozen other advertisers will hound him for that same space next week. That's the chief trouble—there isn't enough top-of-front-page space to accommodate everyone.

POULTRYMEN HERE TO ATTEND SHORT COURSE

HATCHERYMEN'S SCHOOL NEXT WEEK, TOO

Fifty Inspectors Study Accreditation and Certification Methods Under Guidance of College and Commercial Specialists

This week and next are "poultry weeks" on the K. S. A. C. campus with the annual six day short course for accreditation and certification inspectors this week and the annual two day school for hatchery operators scheduled next Tuesday and Wednesday.

Fifty inspectors spent the first half of the week in intensified study of accreditation problems with Prof. L. F. Payne, Prof. G. T. Klein, Prof. M. A. Seaton, Prof. D. C. Warren, Prof. H. M. Scott, and Prof. C. A. Brandly, all of the college; H. H. Steup, Poultry Tribune, Mt. Morris, Ill.; and G. D. McClaskey, Seymour Packing company, Topeka, as instructors and leaders of the discussions.

Thursday and Friday are scheduled for field trips to poultry establishments near Manhattan and Saturday will be devoted to final lessons in inspection and the examination of candidates.

Every phase of the hatchery industry will be discussed by prominent authorities at the school next week. Though college specialists will speak frequently, the bulk of the program is allotted to practical hatcherymen. The general program follows:

TUESDAY, OCTOBER 1

Growth of the hatchery industry in Kansas, Prof. L. F. Payne.

Present status of the baby chick industry, Chas. F. Hicks, Kansas City, Mo.

The value of research and education to the further development of the baby chick industry, Dean L. E. Call.

Educational value of the Minneapolis convention, Mrs. Alonzo Brumitt, Hays; Mrs. J. A. Bockenstette, Sabetha; Mrs. L. A. Rupp, Ottawa; R. W. Pritchard, Hiawatha.

The international Baby Chick association, a service station for hatchery operators, Chas. F. Hicks, Kansas City.

Service men for hatchery operators, Dale F. King, Manhattan.

The need of common sense to operate at a profit and prevent overproduction next season, H. C. Ross, Junction City.

The experiences of a pioneer hatchery operator, Mrs. E. Steinhoff, Osage City.

Livability, Mrs. J. S. Cantrell, Yates Center.

Free service, W. E. Shaw, Emporia.

Premiums with orders, Delos Taylor, Chanute.

Annual banquet at college cafeteria.

WEDNESDAY, OCTOBER 2

Efficiency applied to hatchery business, Miss Edith Bockenstette, Sabetha.

Our trade territory, C. M. Hanson, Clyde.

A rapid method of testing for pulorum diseases, Dr. L. D. Bushnell, K. S. A. C.

Problems of the started chick business, W. E. Shaw, Emporia.

Questions and answers.

Summary of the school by the chairman, Dr. E. C. Boyd, Stafford.

KANSAS AGGIE HOME GAMES AGAIN WILL BE BROADCAST

Radio To Carry Basketball and Football

All Kansas Aggie home football games will be broadcast this fall over station KSAC, according to M. F. Ahearn, director of athletics. Broadcasting also will be resumed for basketball games, Ahearn said.

The policy of radioing games was abandoned during the basketball season last year because it was felt attendance was reduced because of the broadcast. Other Big Six schools are resuming the radio plan this fall, and it was decided to "make it unanimous."

When the amount of manure is limited it is usually more profitable to use it on the grain crops and to apply acid phosphate at the rate of about 150 pounds per acre to the alfalfa.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, October 2, 1929

Number 3

'DADDY' WALTERS DIES AFTER BRIEF ILLNESS

PIONEER TEACHER CONNECTED
WITH COLLEGE 52 YEARS

Building of Architecture Department
One of Achievements of Professor
Emeritus—Was Well Known
Throughout State

Prof. John Daniel Walters, 82 years old, one of the pillars upon which the Kansas State Agricultural college of today was built, died at the home of a daughter, Mrs. Alfred Ueber of Alma, at 10 o'clock Monday morning. He had been ill about 24 hours.

"Daddy" Walters, as he was best known, was professor emeritus of architecture and editor emeritus of THE KANSAS INDUSTRIALIST at the time of his death. For 52 years he had been connected with the college faculty, retiring from active service in 1917.

More than 400 letters of appreciation and congratulation from former students and friends were contained in a bound volume presented Doctor Walters at the 1927 commencement exercises, at which the golden jubilee of his connection with the college was celebrated. "Daddy" Walters was a familiar figure about Manhattan after his retirement until recent months. His white hair, kindly face, and white mustache made him a well remembered figure.

J. D. Walters was born in Unteramsern, in western Switzerland. He was the son of a civil engineer and contractor who was later (1893 and 1894) county surveyor of Riley county.

TAUGHT IN SWITZERLAND

Doctor Walters attended the communal schools of his canton and at an early age learned both German and French. In 1863 he was graduated from the high school of Bucheggberg at the head of his class. He then entered the Cantonal College and Normal school of Solothurn, in the third year of the five year technical course. Business reverses forced the emigration of his father to America, and young Walters left school to teach. In 1866 he passed the exacting examination for the life diploma of a Swiss teacher.

He then returned to his alma mater and finished his course, working his way by keeping ledgers in a store, and gathering news and writing stories for the local Tagblatt.

It was Doctor Walters's intention to study architecture at some art center after leaving school but finding the profession overcrowded in Switzerland, he turned to civil engineering and took a course in the University of Bern.

In 1868 Doctor Walters followed his parents to the United States, landing in New York without means and without the ability to speak English. Years of work as civil engineer, decorative painter, and architectural draftsman in several states followed. In 1877 Doctor Walters was elected instructor in industrial drawing at the college, taking charge in January.

A VERSATILE INSTRUCTOR

Because of the size of the faculty, the future head of the department of architecture was forced to teach drawing, geometry, and trigonometry, and for several years had charge of the college orchestra.

In 1883 Professor Walters was given the degree of master of science, and in the spring of 1885 was elected professor of industrial art and designing. In 1903 he obtained permission of the board of regents to organize a four year course in architecture and was made professor of architecture that year. The building of this course to one of the college's strongest was an achievement of which Doctor Walters was very proud. In 1908 he was given the honorary degree of doctor of architecture, one of the rare honorary degrees granted by the college.

Doctor Walters was for many years chairman of the standing committee

of landscape gardening of the state horticultural society.

He was a member of the Beta Theta Pi fraternity.

Professor Walters published in 1885 a series of textbooks on free-hand drawing for mature pupils, in 1891 a series of four books on elementary graphics, and in 1898 a series of 16 consecutive texts on industrial drawing for common and high school. This last series was widely adopted by western schools.

PLANNED MANY BUILDINGS

Professor Walters was a member of the college building committee and prepared plans and specifications for many of the college buildings.

He made the plans for many other buildings, including those of the Manhattan State bank, the Palace Drug store, the Olathe city library, Cottonwood high school, the school for nurses at New Orleans, La., and the school for girls at Chickasha, Okla. He landscaped the ground of the Oklahoma Agricultural and Mechanical college at Stillwater.

On November 6, 1928, Doctor Walters and Dr. C. F. Little were honored as "senior builders" of Manhattan by the city Kiwanis club, and a banquet was given in their honor.

Perhaps the best known of Professor Walters's books, so far as Manhattan is concerned, is his "History of the Kansas State Agricultural College," published in 1909. It was the outgrowth of a paper written for the state historical society.

Information concerning funeral arrangements is published in another part of this issue.

CROPS STUDENTS GROOMED FOR BIG JUDGING EVENT

Professor Zahnley Works With Nine
Upperclassmen—Compete at
American Royal

Prof. J. W. Zahnley of the agronomy department is grooming a group of student crops judges for entry in the annual intercollegiate crops judging contest. The contest has been held in connection with the International Hay and Grain show in Chicago in years past but this fall will be held in connection with the American Royal Livestock show in Kansas City. It will take place the week preceding Thanksgiving.

Though a team of four must be chosen to enter the contest, the following students are members of Professor Zahnley's squad: W. F. Braun, Joe Green, W. H. Painter, J. J. Curtiss, J. E. Taylor, John Decker, Clifford Eustace, L. L. Compton, and Minor Salmon.

HOG RAISERS TO RAISE QUESTIONS OCTOBER 18

Will Come to College for Third Annual
Fall Meeting

October 18 is the date announced by Prof. C. E. Aubel of the animal husbandry department for the third annual Kansas Hog Raisers' meeting, sponsored by the department. As usual the forenoon will be devoted to an inspection of the college breeding herd, the fat barrows, and hogs that have been fed experimentally.

An afternoon program in the pavilion begins at 1 o'clock. Several well known livestock men will be listed as speakers, Professor Aubel promised.

Myers Heads Chem. Club

Members of the Kansas State Chemical club met recently to organize for the present school year. Channing Myers, Salina, was chosen president of the group, and Howard Jobling, Drury, was made secretary. The chemistry club was organized last year to promote fellowship between industrial chemistry majors and their faculty members.

Walters Anecdotes Wanted

Anecdotes concerning Prof. J. D. (Daddy) Walters, who died this week, will be welcomed by the editors of THE KANSAS INDUSTRIALIST. Any suggestions as to a memorial for him also will be printed.

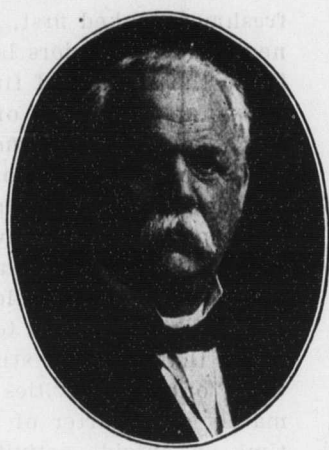
COLLEGE PARTICIPATES IN WALTERS FUNERAL

SERVICES AT PRESBYTERIAN
CHURCH TOMORROW

Dr. J. E. Kammeyer Will Assist Dr. D.
H. Fisher with Services—Other
Faculty Members Will Be
Pallbearers

All Manhattan and the college have mourned this week the passing of Dr. John D. Walters, professor emeritus of architecture and the man who held the record of service on the K. S. A. C. faculty. A flag has floated at half mast above old Anderson hall while friends of "Daddy" Walters have gone sorrowfully about making plans for funeral services tomorrow.

The Kansas State Agricultural college and Manhattan, both of which



JOHN DANIEL WALTERS

he served faithfully, will unite in a program in memory of Doctor Walters. The services will be held at the First Presbyterian church of Manhattan tomorrow afternoon at 2:30 o'clock and interment will be in Sunset cemetery, overlooking this college town.

CLASSES ARE DISMISSED

Dr. J. E. Kammeyer of the college will assist Dr. Drury H. Fisher, pastor of the Presbyterian church, with the funeral services. Doctor Kammeyer's participation in the services is in response to a request of the deceased. A few weeks ago when Doctor Walters knew the end was near he requested his son, Boley, to ask Doctor Kammeyer to say a few words at his funeral services.

A faculty quartet will furnish music, accompanied on the organ by Harry Brown, Manhattan music store owner and a former instructor of music at the college.

All students in the department of architecture of which Doctor Walters once was head will be dismissed from classes Thursday afternoon to attend the funeral. Faculty members of the department will attend in a body.

THE PALLBEARERS

Among the pallbearers will be B. Buchli of Alma, son of an old time friend of Doctor Walters; Henry Winter, Manhattan, a graduate under Doctor Walters; and Colonel George Frank, Manhattan postmaster, who was a member of the Manhattan city council when Doctor Walters was a member. Pallbearers representing the college will be Prof. Paul Weigel, head of the department of architecture; Prof. J. V. Cortelou, head of the department of modern languages; and Prof. J. O. Hamilton, head of the department of physics.

Honorary pallbearers representing the college will be President F. D. Farrell, Dr. J. T. Willard, vice-president, and Prof. B. L. Remick, head of the department of mathematics, and Dean R. A. Seaton of the engineering division. J. W. Berry a student at the college 50 years ago, and E. H. Wharton, retired Manhattan merchant, are to be honorary pallbearers.

Surviving relatives of Doctor Walters are Mrs. Alfred Ueber, Alma; Mrs. Arnold Emch, Urbana, Ill.; B. K. Walters, 1818 Poyntz; O. K. Walters, Formoso; Frank Walters, 1100 Bluemont; Dan Walters, 1901 Poyntz; Lieutenant E. J. Walters,

who is studying at Harvard university. Mrs. Walters died last January.

Educator a Chapel Speaker

Prof. L. H. Dennis, deputy state superintendent in charge of vocational education in Pennsylvania, has been scheduled as the college chapel speaker for Wednesday, October 16. Professor Dennis is one of the outstanding leaders of vocational education in America, according to Prof. L. C. Williams, of the department of education, K. S. A. C.

COLLEGE BAND PICKED AFTER FALL TRYOUTS

Eight Women Among Successful Candidates for Positions—To Play at
Football Games

Eight women are among the 111 successful applicants for membership in the Kansas State Agricultural college band, whose names were announced this week by Lyle Downey, director.

The band, which is one of the largest in this section of the country, will make at least one trip with the football team this fall, probably to the game with Kansas university at Lawrence, October 19.

G. G. Ossmann of Concordia has been selected as student drum major.

Members of the band are as follows:

Clarinet—J. R. Mathias, Manhattan; Margaret Colver, Manhattan; William Edwards, Concordia; Ralph Van Camp; Council Grove; R. H. Beals, Dodge City; Benjamin Markley, Bennington; Howard Brand, McPherson; Benjamin Lantz, Salina; D. K. Porter, Manhattan; Milbern Davison, Concordia; Arthur Lundgren, Osage; M. H. Dice, Wichita; Dale Thomas, Ellsworth; C. W. Naylor, Burr Oak; Carl Chappell, Republic; Robert Eychner, Jewell; John Woolcott, Harrisburg, Ill.; A. L. Dorman, Lucas; L. R. Adler, Goddard; V. E. Jeffried, Kiowa; Ruth Naughawont, Onaga; G. M. McLenon, Monrovia; M. E. Vautravers, Centralia; A. B. Niemoller, Wakefield; Alfred Helm, Chanute; L. C. Paslay, Manhattan.

Trumpets—C. E. Powell, Frankfort; Rowena Stiles, Kansas City, Kan.; William Guerrant, Manhattan; Ernest Green, Concordia; Marion Davis, Rossville; W. A. Sells, Ellingham; Vernon Jeffried, Kiowa; Paul Condy, Beloit; W. E. Hoffman, Hope; B. C. Filkin, Wilsey; Don Nutter, Republic; C. O. Little, Manhattan; J. A. Bryan, Leoti; Paul Heinbach, Neodesha; W. V. Combs, Linn; Gertrude Sheetz, Admire; Velma Hahn, Idana; Letha Goheen, Oak Hill; R. W. Hayes, Manhattan; Lois L. Avis, Fostoria.

Baritone—Austin Morgan, Lebo; E. F. Collins, Wellsville; Karl Muenzenmayer, Woodbine.

Trombones—G. Powell, Frankfort; John Hartung, Parsons; H. T. Blanchard, Wichita; Hazen Love, Wilsey; C. E. Brehm, Wichita; C. L. Alcorn, Ionia; Galen Nolder, Dodge City; Clifford Newell, Abilene; L. R. Chapin, Glasco; C. L. Brown, Herington; Lester Buell, Nickerson; Theodore Skinner, Manhattan; R. F. Melville, Muncie; J. T. Blasdel, Sylvia; Rose Grosshardt, Clafin; Helen Lentz, Everest.

Horns—Homer Yoder, Manhattan; Richard Grody, Washington; M. H. Thompson, Dodge City; M. Schruben, Dresden; R. B. Wilson, Herington; J. C. Slechte, East St. Louis, Ill.

Basses—V. T. Merrifield, Minneapolis; Maurice Schruben, Dresden; R. W. Freeman, Kirwin; J. W. Jordan, Clafin; E. Heck, Carthage, Mo.; Frank Jacobs, Quenemo; T. L. Mathias, Manhattan; Z. R. Stanley, Manhattan.

Saxophones—L. E. Kent, Carthage, Mo.; E. E. Feldhausen, Frankfort; P. C. Westerman, Waterville; H. K. Learned, Plevna; L. W. Kemper, Augusta; S. V. Lyons, Lucas; C. R. Smith, McPherson; Glen Farrar, Burlingame; Maynard Solt, Manhattan.

Flute and Piccolo—A. E. Winkler, Paxico; Catherine Colver, Manhattan; E. S. Shonyo, Bushton.

Snare Drums—John Burke, Glasco; Emory Good, Manhattan; J. H. Karr, Troy; H. C. Rhodes, Harlan; C. W. Van Vranken, Pratt; G. V. Shank, Bazine; E. K. Schuler, Valley Falls.

Bass Drums—Hal McCord, Manhattan; H. L. Kipfer, Manhattan.

Cymbals—P. D. Rockwood, Parker; Harry Hinckley, Barnard.

Military Trumpets—Charles Monteith, Hoxie; G. A. Stansbury, Ulysses; John Hamon, Valley Falls; E. W. Peck, Falls City, Neb.; F. R. Freeman, Kirwin; A. V. Brunke, Campbell, Neb.; Clarence Gatch, Hope; Dick West, Hartford.

Drum Major—C. G. Ossmann, Concordia.

New Creamery Equipment

New equipment for unloading, weighing, and dumping milk and cream as it is received at the college creamery has been installed. A new drive has been built to the receiving room at the north end of the west wing of Waters hall. The equipment has been installed because it is modern, sanitary, and economical of time and labor.

Sound travels about 1,100 feet per second.

AGGIE DAIRY JUDGES WIN OVER 11 TEAMS

TAKE MOST OF WATERLOO CONTEST HONORS

Win Sweepstakes, Rank First on Jerseys and Guernseys, Third on Brown Swiss, Fourth on Holsteins and Ayrshires

Competing against eleven teams from midwestern states, a trio of Kansas Aggie dairy judges won first place in the annual intercollegiate judging contest held at the Waterloo (Iowa) Dairy Cattle congress, Monday. The Kansans counted 1,602 of a possible 1,800 points to win the honors by a wide margin, Minnesota ranking second with 1,521.

WIDE WINNING MARGIN

Missouri ranked third and other teams were in the following order: Wisconsin, Michigan, Iowa, Illinois, North Dakota, South Dakota, Arizona, Indiana, and Nebraska.

Those who represented the Aggies of Kansas were Richard Stumbo, Bayard; Howard Bradley, Kidder, Mo.; and John Wilson, Geneva. That they knew their dairy cows is apparent from their individual ranking among all contestants—Stumbo, first; Bradley, third; Wilson, fifth. As a team they were first on Jerseys, first on Guernseys, third on Brown Swiss, fourth on Holsteins, and fourth on Ayrshires.

Bradley was high man on Guernseys and Wilson was first in placing Jerseys.

H. W. CAVE THE COACH

Credit for coaching the winning team goes to Prof. H. W. Cave, college dairy coach. Walter Powers of Netawaka accompanied the team as alternate judge. A wire from Professor Cave following the contest said the following trophies would be awarded the Kansas team: sweepstakes cup, Jersey cup, and Guernsey trophy.

Individual winnings were a gold watch, five sets of book ends, two canes, four gold medals, three silver medals, and \$5 cash.

The Kansas dairy judges will return to K. S. A. C. this week and study further before entering the contest of the National Dairy show at St. Louis, October 12.

FOUR RUSSIAN EDUCATORS INSPECT COLLEGE CAMPUS

Soviet Sends Leaders in Agriculture to America

Four Russian educators, accompanied by an interpreter, visited the Kansas State Agricultural college recently while on a tour of the United States investigating agricultural conditions and practices in America. They traveled by automobile from the Atlantic to the Pacific and were on their way east again, expecting to reach Washington, D. C., early in October. Several months are to be spent there, studying the methods of the United States department of agriculture.

On their tour the Russians visited leading agricultural colleges, experiment stations, and farms.

Members of the party were B. N. Loubiako, M. M. Wolf, J. Freess, N. A. Burianenko, and S. G. Ujansky. Freess was interpreter for the party, and is a naturalized American, having lived in New York since 1914. He is associated with the Amtorg Trading corporation, a firm organized to carry on business between the United States and Russia.

Ujansky is professor of agricultural economy in the Scientific Institute of Agricultural Economy at Moscow. The others are professors in the Timiriazoff Agricultural academy, Moscow. Professor Wolf, leader of the group, is chairman of arrangements for the International Soil conference which will attract scientists to Russia from all parts of the world next summer. The party sent here constitutes part of a group of 50 leading agricultural educators sent by the Russian government to study American farming.

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R. I. THACKREY, Assoc. Editors
KENNEY FORD, Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, OCTOBER 2, 1929

JOHN DANIEL WALTERS

John Daniel Walters represented a type of educator that few students of this generation will know, the educator of wide interests and diversified attainments. Joining the faculty of the college in 1877, he combined with his duties as instructor in industrial drawing the teaching of classes in geometry and trigonometry; and, to quote from the history of the college which he published in 1909, Professor Walters "for several years had charge of the college orchestra." He was the first head of the college department of architecture and for many years he was chairman of the standing committee on landscape gardening.

A liberal education in Professor Walters' generation as in ours postulated learning in the arts and sciences. But in a less complex and more leisurely age specialization did not need the emphasis that is necessary today. The educator of the earlier period felt greater freedom to broaden his interests in many directions. He was not indeed so well grounded in any one field as his successor, the educator today, but he understood better the whole world in which he lived.

Professor Walters' first task as a member of the college faculty was to put into graphic form the greater college which President Anderson envisaged. The grounds were laid out, the walks and roads located, the buildings of the future drawn into the picture.

Professor Walters lived to see the realization of the great institution of his early dreams. It almost seemed that he was part of the institution to a less degree than the institution was part of Professor Walters.

His intellectual interest never flagged. In later years, before his eyesight failed, he was given to writing stories in his native German, stories that were laid in the Switzerland of his childhood. These he would illustrate with original drawings. He wrote the stories and made the drawings for his own amusement and for the pleasure they afforded Mrs. Walters. It was a literary career in the most sincere manner possible for literature, writing for pure love of writing. And it rounded out the life of a man singularly cultivated in a variety of fields. The cultural influence of Professor Walters is a heritage that the community can never fully appreciate.

A CAUSE FOR CRIME HERE?

What American civilization seems most to lack—from the standpoint of the vast majority of the heads of families who are "hired men"—is economic security.

In spite of unparalleled private wealth, unusually effectively open to all, though necessarily attained only by a small minority—in spite, too, of an average of earnings and of individual savings, throughout an unprecedented aggregate of wage earners, higher than the world has ever seen—there remains the definite statistical probability that any given wage earner will, in the United States, find himself at one or other time, ruthlessly "fired"; that he will at one or other period in his life go through

at least one prolonged spell of involuntary unemployment; that he will be at various periods incapacitated by sickness or accident; that he will under one or other of these trials exhaust all the family savings; that his wife may be left a widow, and his offspring at a helpless age orphaned, without any adequate maintenance; that his children may grow up insufficiently protected against disease and very inadequately educated; and that, if they or their parents live the allotted span, the chances are that they will find their old age one of extreme penury, and possibly of dependence on charity.

The statistician has to tell us that, however numerous may be the exceptions, these are the liabilities of the main body of wage-earners, the "common lump of men," in the United States as in the other nations of western civilization, liabilities which, in no small fraction of the mass, are found to become actualities.

To what extent this statistical liability to penury and destitution is lessened by enforced abstinence from alcoholic drink, or minimized in practice by the exceptional economic prosperity and wide freedom of American life—in what degree, for instance, the ever open opportunity for employment on the farm, or in the lumber camps, or in the mineral exploitations of the west, mitigates the successive industrial crises of involuntary unemployment—we are unable to estimate. But one suggestion we allow ourselves. If anything like similar conditions prevailed in Europe, experience indicates that the lack of economic security to which we have referred, accompanied, as it is in the United States, by the customary expectation of a high standard of life among the wage earners, would lead to a prevalence of lawlessness and violence, and to a degree of vagrancy and criminality, which northwestern Europe has not known for a couple of centuries. Whether the lack of economic security for the wage earners in the United States today has anything to do with such features of American life only American can usefully judge.—Sidney and Beatrice Webb in "Whither Mankind" edited by Charles A. Beard.

CHEMICAL COURTSHIP

The reason why the chemist's influence over the world is not properly appreciated is because he works so silently, so unobtrusively. Sometimes, indeed, he sets off an explosion that is heard around the world. That makes people aware of his power, but does not add to his popularity.

Scents, savors, and colors are silent and subtle in their sway over emotions, and emotions move the world. When the mother advises her daughter that "The way to a man's heart is through his stomach," when the florist advertises, "Say it with flowers," when the confectioner suggests, "Take a box of candy with you when you call on her," they are recommending chemical courtship—the oldest way in the world, the method that prevails all through the animal kingdom from the insects up to mankind. When the poet wishes to play most powerfully upon our emotions, he resorts to chemical allusions. Let me read you what seems to me the most tasty stanza in all poetry, the courtship scene from Keats' "Eve of St. Agnes."

And still she slept in azure-lidded sleep,
In blanchèd linen, smooth and lavendered;
While he from forth the closet brought a heap
Of candied apple, quince, and plum, and gourd;
With jellies soother than the creamy curd,
And lucent sirups, tinct with cinnamon;
Manna and dates, in argosy transferred
From Fez; and spiced dainties, every one,
From silken Samarcand to cedarèd Lebanon.

You will see that he said it with polysaccharides and coal-tar compounds, and you know how well it worked. They eloped that very night. We will not properly understand the world's great literature until the teaching of English is transferred to the department of chemistry, or at least until the professor of English study chemistry.—Edwin E. Slosson in Industrial Engineering Chemistry.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Margaret Justin was studying for her doctor's degree at Yale.

Martha S. Pittman was appointed assistant professor in the department of foods and nutrition.

Lorena B. Taylor, '14, was teaching English and geometry in the high school at Kirksville, Mo., while attending the osteopathic college there.

TWENTY YEARS AGO

Ray Birch, '06, who has been in the employ of the bureau of animal

the leading business men of Fort Payne, Ala.

J. T. Willard, who was then assistant chemist, had nearly 200 varieties of sorghum to analyze.

Chapel visitors were Bell Cogswell, Emma C. Deibler, Katie Spillman, Emma Knipe, and Maggie Purcell.

FIFTY YEARS AGO

The following subject was debated by members of the Webster society: "Resolved, that Americans are less patriotic than the Germans."

The following students were en-

SUNFLOWERS

H. W. D.

A SUGGESTION TO EDUCATORS

If I were the president of a college, one of the very first things I should do would be to invite the faculty out to football practice three times a week during the season.

I have a notion that the best teaching in America is done on football practice fields. For thoroughness, effectiveness in results, and concentration in the pursuit of objectives the training given on the gridiron surpasses that of any classroom in which I have ever been incarcerated.

One does not have to stand on the sidelines very many minutes to discover that football requires an immense amount of conditioning, that it is crammed full of technique, and that it is as complicated as bridge design. Yet every man on the squad swings into the setting-up exercises and the jogs around the field without a single grumble, gladly spends a whole afternoon practicing blocking, and feels a noticeable disgust with himself if he cuts in a yard too soon on play number 63.

If the average college professor of something-or-other were to discover in his students the same willingness to work, eagerness to learn, and dissatisfaction with mediocre achievement, it would go hard with him and the autopsy would probably show his arteries collapsed under the shock.

Why all this difference between the classroom and the gridiron?

The answer to that question is what professors of education in particular and college faculties in general need to be devoting at least a portion of their time to. The right answer might lead to things.

Perhaps it is in dummy scrimmage that education on the football field is at its best. The object is the perfection of some offensive play. Eleven men are "at the board" to work it out and as many more or a few less are opposing them to see they work it out against normal opposition. The ball is snapped. The backfield functions perfectly. But some tackle or end who doesn't seem at all to be a part of the play fails to have his feet properly under himself, gets dumped, and utterly spoils what might have been a beautiful example of cooperative effort. Enter the line coach in a hurry. On the next trial that tackle or end looks to his feet, charges like fury, there is a hole where there ought to be a hole, and the play works charmingly.

That is instruction following through.

They say learning is a matter of combining receptivity with activity. They whisper that the activity content should be considerably more than one-half of one per cent. Teachers who have read such things in books should squat on the sidelines now and then and see them proved.

I am aware football has a lot of social approval even the most popular curriculum in college does not, that it is visual and factual and physical, that it is psychologically adapted to the learners, that success pays handsomely and immediately. I know all the other alibis the professor of mathematics, physics, English or whatnot has to offer. But I am not interested in alibis, no matter how good they are. Football coaches ignore them.

The important thing is that all the squad, even the third and fourth-string men, learn football more thoroughly than they learn anything else in school—and they learn it eagerly in spite of the vast amount of conditioning and drill on technique.

There is a possibility that football is deservedly the most popular thing in American college education.

Why may not a goose say thus: "All the parts of the universe I have an interest in: the earth serves me to walk upon, the sun to light me; the stars have their influence upon me; I have such an advantage by the winds and such by the waters; there is nothing that yon heavenly roof looks upon so favourably as me. I am the darling of Nature! Is it not man that keeps and serves me?"—Montaigne.

Crowded Into a Week

Harvard Alumni Bulletin

It has often been remarked that little is known of how the undergraduate spends his time. A faculty-student committee has recently investigated this question at the University of Chicago, and has published results based on an analysis of questionnaires returned by 1,186 of the 3,053 undergraduates attending that institution during the winter quarter of 1924.

Here are some of the interesting facts discovered: that in the amount of time devoted to their studies, the freshmen ranked first, the sophomores, next, the seniors next, and the juniors last; that there was great inequality in the amount of time required for different courses, for different sections of the same course, and for different weeks of the same section; that 170 students devoted no time to serious reading outside their courses, 161 devoted one hour a week, and 300 two hours; that the typical student devoted about 36 hours a week to his studies and class attendance; that football players ranked appreciably below the average of male students; that the time devoted to study by fraternity students was below that by other students, the reverse being the case with "outside activities and social affairs"; that approximately one-quarter of the total number spent as much time on outside activities as on their studies; that in freshman year the superior students (above "B") among the women outnumbered those among the men, this order being reversed in the upper years; that the typical undergraduate goes to the movies once a week; that 563 reported themselves to be "living under strain because of lack of time"; that of the 83 who ascribed this strain to their studies, 27 devoted more than 25 hours a week to outside activities; that of 662 commuters 102 lost between 10 and 15 hours a week traveling to and from the university.

In concluding its report, the committee suggests that a minimum of 42 hours per week should be devoted to studies, four to serious reading not included in courses, seven to exercise, three to concerts and theater, two to social affairs, and two to religion. Allowing 56 hours for sleep, this still leaves 52 hours a week for meals and "outside activities."

Some of this balance will evidently have to be set aside for serving on committees, of which the report announces the formation of 24 to "study various problems" in connection with the "Better Yet Campaign" at the University of Chicago. Everything increases in these days except the length of the day, and the capacity of the human nervous system. It is little wonder that 563 students report that they are living under strain, or that there is an increasing number of students who, with the best will in the world, can hardly find time to study. The committee's suggestion that each student use a "time budget" is an excellent one, if he can only find time to make it.

industry, Philippine islands, arrived for a visit.

J. M. Westgate, '97, discussed the cause of the hardness of Grimm alfalfa in an article in Science.

The Aggies were to play Salina Wesleyan in the Manhattan athletic park. A victory was predicted.

THIRTY YEARS AGO

Volume 24 of THE KANSAS INDUSTRIALIST had been received from the state bindery, and contained 725 pages.

It was decided to heat the new agricultural building from a steam boiler in the northwest corner of the basement.

Professor and Mrs. Metcalf, assisted by Harry and Ben Brown, gave a "Metcalf recital" at Ashland schoolhouse.

FORTY YEARS AGO

L. H. Dixon, '88, was in the employ of Bulger & Rapp, architects.

L. D. Buenting, f. s. in 1885-86, was studying law in Ann Arbor, Mich.

H. C. Rushmore, '79, was one of

rolled: C. C. Chenoweth, Selma Ehrsam, W. J. Cowell, Sumner J. Zerger, John D. Hartmann, Hiram Miller, John T. Copley, William Hulett, Joseph Lohmuller, William McBratney, Charles F. Randel, Charles Neiman, James Shaw, Jennie E. Coburn, Thomas Andrews, John Mauney, William H. Foss, William A. Young, Samuel B. Berry, Wirt S. Myers, and J. W. Hamilton.

ON BEING SIXTY

Po Chu-i

(Translated by Arthur Waley)

Between thirty and forty, one is distracted by the Five Lusts; Between seventy and eighty, one is a prey to a hundred diseases. But from fifty to sixty one is free from all ills; Calm and still—the heart enjoys rest. I have put behind me Love and Greed; I have done with Profit and Fame; I am still short of illness and decay and far from decrepit age. Strength of limb I still possess to seek the rivers and hills; Still my heart has spirit enough to listen to flutes and strings. At leisure I open new wine and taste several cups; Drunken I recall old poems and sing a whole volume. Meng-te has asked for a poem and herewith I exhort him Not to complain of three-score, "the time of obedient ears."

AMONG THE ALUMNI

Marcia Tillman, '16, is teaching in the senior high school in Little Rock, Ark.

Dr. Frank Callahan, '29, has purchased a veterinary practice in Shelton, Neb.

Dr. Ching Sheng Lo, '23, is at the College of Agriculture, National Central university, Nanking, China.

Edgar L. Barger, '29, has accepted a position in the sales department of the John Deere company at Moline, Ill.

Cora Anderson, '25, now is located at Toppenish, Wash., and is teaching home economics in the high school there.

Dr. Ralph W. Mohri, '29, Olsburg, has accepted a position in the division of veterinary medicine, Alabama Polytechnic institute, Auburn, Ala.

Richard E. Jansen, '24, who has been employed by the Westinghouse Electric company, is now manager of the Carthage Foundry and Machine Works at Carthage, Mo.

Esther Christenson, '08, who has been employed by the John P. Harding Restaurant company of Chicago, is now in charge of the Y. W. C. A. cafeteria at Muncie, Ind.

H. Lee Kammeyer, '25 and '29, who has been a member of the high school faculty at Wamego for several years past, now holds a position in the Kansas City, Kan., high school.

Lawrence W. Youngman, '27, former news editor of the Morning Chronicle, now in charge of aviation news for the Omaha (Neb.) World-Herald, visited in Manhattan recently.

Raymond Smith, f. s., a graduate of the Washburn college law school, has joined the law firm of Robert L. Helvering, Marysville. He is the son of Judge and Mrs. Fred R. Smith of Manhattan.

Meria Kathleen Murphy, '24, of Fort Lyon, Colo., now holds the position of head dietitian in the Veterans' Bureau hospital in Memphis, Tenn. She began her new work August 15.

Milton Kerr, '28, who has been city editor of the Hutchinson (Minnesota) Leader the last year, has accepted a position with the News and Herald at Hutchinson. He will handle automobile publicity and advertising on the newspaper.

MARRIAGES

LAPHAM—HAMILTON

Mrs. George Lapham, Manhattan, announces the marriage of her daughter, Blanche, '27, to Alvin W. Hamilton, '27, of Chicago, on August 28, in Manhattan. Mr. Hamilton is employed by the Commonwealth Edison company in Chicago.

McCREADY—BARKLEY

The marriage of Reva McCreedy, Minneapolis, to Marion C. Barkley, f. s., Wichita, took place on Saturday, May 18, at the home of the bride's parents at Longford. Mr. and Mrs. Barkley are making their home at 530 West Central avenue, Wichita, where Mr. Barkley is an inspector of materials for the state highway commission.

AVERY—HAMMETT

The marriage of Ruth Hilda Avery, f. s., and Cecil Edgar Hammett, '29, took place September 11, at the home of the bride's parents, Mr. and Mrs. A. J. Avery of Riley. Mr. and Mrs. Hammett will make their home in Lincoln, Neb., where Mr. Hammett will be instructor in the department of applied mechanics at the University of Nebraska.

SCHUMACHER—ELDER

The marriage of Bernice Schumacher, a graduate of North Central college, Paperville, Ill., and Harold Elder, '25, occurred at the home of the bride's parents, Mr. and Mrs. George Schumacher, of Jewell, on August 15. Mr. and Mrs. Elder are at home in Smith Center, where Mr. Elder has charge of the department of chemistry in the Smith Center high school.

DOBBS—FRANK

Announcement has been made of the marriage of Jean Swift Dobbs,

M. S. '25, to Dr. Edward Raymond Frank, '18 and '24, which took place on Wednesday, May 29, in Manhattan. Mrs. Frank is a daughter of Charles J. Dobbs, '90, and Nellie (Little) Dobbs, '90. She has been associate professor of child welfare and eugenics at K. S. A. C. for the past three years. Doctor Frank is an assistant professor of veterinary medicine.

BIRTHS

F. E. Oakes, '20, called at the alumni office during August. He is assistant manager of the Consolidated Mills company at Caldwell.

William M. Fowler, University of Wisconsin, and Rose (Straka) Fowler, '18, of Chicago, announce the birth of their son, Glenn Crawford, on August 16.

G. W. Hinds, '21, of Leavenworth, has accepted the position as county agent of Reno county to succeed C. M. Carlson, '27, who has resigned to enter Iowa State college for graduate work in agriculture.

Erma Currin, '25, is now on a business trip to Shanghai, Nanking, and Peking, China, and will return to the United States November 5. For the last several years she has taught in the elementary and high schools of the Philippine islands.

DEATHS

MASSENGILL

Paul L. Massengill, f. s., was killed June 18 in an automobile accident which occurred near Caldwell, his home.

KIMBALL

Miss Carrie Kimball, '76, died in Garden Grove, Calif., September 2, after an illness of several months. Miss Kimball's father, John M. Kimball, was one of the founders of Bluemont college.

EDWARDS

The death of Ralph W. Edwards, '11, occurred at his home near Emporia, May 25. Mr. Edwards resigned from the government service in 1918 and since that time had been operating his father's farm.

GRAHAM

Kenneth Graham, f. s., in civil engineering 1926-1928, was killed in an airplane crash on May 12 at Eureka. Graham was an instructor in aviation employed by the Johnson flying school and was teaching a student when the accident occurred. Funeral services were held at the family home in Russell.

HUSTON

Dr. George Dewey Huston, '28, of Meriden, died in a Topeka hospital on August 6. Doctor Huston was a practicing veterinarian at Meriden. He is survived by the widow and two young sons. He was an Aggie football star, noted especially for his drop kicking.

SWANSON

Mabel Manghild Swanson, '21, M. S. '28, died at Shurly hospital, Detroit, Mich., on August 9. Death was caused by erysipelas, probably developed from a pin prick two weeks previously. Burial at Sunset cemetery, Manhattan. Miss Swanson had specialized in social welfare work and at the time of her death was employed by the Visiting Housekeepers' association of Detroit. She is survived by her parents, a sister, two brothers, Arthur, '19, of Hays, and Frank, '22, and '28, of Oklahoma City, Okla.

MATTSON

Ivar Mattson, f. s., died September 11 at his home in Wilmette, Ill. He is survived by Mrs. Mattson, formerly Wilma Van Horn, '16, and five boys: Theodore, Arthur, Paul, Frank, and David.

Mr. Mattson had a varied experience after leaving college. He worked for a railroad company in Argentina for a few years, was director of the Tribune Branch Experiment station, then transferred to the London Machinery company. From there he went to the Consolidated Products company of Chicago, and was employed by the Poultry Tribune, Mount Morris, Ill., until shortly before his death.

LOOKING AROUND

KENNEY L. FORD

Rebekah (Deal) Oliver, '23, secretary of the Colorado Alumni association, writes of the fine hospitality and good time enjoyed at the D. W. Working ranch near Denver by the Denver Aggies on August 17.

Mr. Working's invitation to K. S. A. C. faculty members to attend future annual "roasts" is splendid, but we fear for the probable future. We suggest that Mr. Working increase his acreage of Golden Bantam for next year.

Mrs. Oliver writes as follows: "That 'grand and glorious' feeling, experienced by being full of the sweetest Golden Bantam corn ever grown, was felt by 35 Aggies and Aggie friends who attended the annual Aggie corn roast at D. W. Working's ranch near Denver on August 17.

"The men pitched horseshoes, F. T. Parks and "Tub" Morris proving to be champions. The women enjoyed the gardens, Indian relics, and Navajo rugs that Mr. and Mrs. Working have collected over a number of years.

"Soon the mingling odors of coffee and roasting corn drew the crowd around the proverbial 'groaning board' that was spread on the lawn, and everyone watched with great personal interest as dozens of golden ears of corn were rolled in a bowl of melted butter and passed to the hungry multitude. Other good things to eat were not neglected, but they were merely side issues compared to the corn.

"At last, no one could eat another bite and the last cob was discarded and everyone heaved a sigh of satisfaction. Groups talked of old Manhattan and new Manhattan, and the college that seems to become constantly more endeared to them.

"Every year Mr. and Mrs. Working give this pleasure to the Denver Aggies. He invites the K. S. A. C. faculty to next year's picnic. He says:

"I should like to have you make the members of the K. S. A. C. faculty aware of the fact that we should like to have a few of them at our annual "roasts" in the future. The corn season is long enough past in Kansas at the time of our Colorado picnic that Aggie professors ought to be willing to make a meal on (or off) Colorado Golden Bantam roasting ears for the sake of spending a few hours with us.

"Let the Colorado Aggies know that I shall have seed corn for all who will call for it, or write that they will be at the other annual meetings to carry their corn home."

"Following is a list of those present:

F. T. Parks, '10; R. A. Hake, '23; C. F. Morris, '21; Rebekah (Deal) Oliver, '23; Minnie L. (Forceman) Parks, '09; Pauline Parks; Louise Burgess Stone; Myrtle A. Jones;

Ralph C. Jones, f. s.; Margaret K. Morris; Mary (Strite) Burt, '05; Lawrence S. Burt; Geo. C. Miller, '04; W. S. Hoyt, '88; G. W. Oliver, '20.

G. W. Wheeler, jr., '26; Walter A. Buchheim; Amy (Lemert) Hake, '23; Lois (Richardson) Collins, '25; Giles P. Howard, f. s.; H. A. Burt, '05; G. C. Wheeler, '95; Hubert L. Collins, '23; Richard Wallace Thackrey; Robert Burt; Wallace L. Thackrey, '18; Bess C. Thackrey; Ruth Richardson, '30; Hazel W. Hoyt; Mrs. K. M. (Smith) Wheeler, '95; D. W. Working, '88; Grace (Booth) Working; Mrs. S. J. Bradfield, Tulsa, Okla.; Mrs. Robert Spilman, Manhattan; Martha Spilman, Manhattan.

Marcia E. Turner, '06 and '18, associate professor of home economics education, Iowa State college, Ames, Iowa, writes:

"Last month my brother and I attended our K. S. A. C. family reunion for a few weeks at East Tawas, Mich., on the southern shore of Lake Huron, the home of Harry C. Turner, '01. He is U. S. Forest Planting assistant in charge of planting at the Bessey nursery there. The rest of us who were there were: Mrs. Harry C. Turner, their son, Gifford, and daughter, Helen; W. A. Turner, f. s., '04, who is teacher of architectural drawing in Carl Schurz high school, Chicago; Chester F. Turner, '12, engaged in truck growing near Memphis, Tenn., his wife and daughter, Marian; our mother, Mrs. Helen Castle Turner, and myself.

"Our program ran continuously and was mostly in charge of my brother Will, who is more proficient if possible than in his college days when he distinguished himself by furnishing variety and gray hairs to 'Dad' Lewis's life."

Ernest F. Miller, '25, and Marjorie (Melchert) Miller, '23, (secretary-treasurer of the Philadelphia K. S. A. C. Alumni association) of Moores, Pa., announce two important events; namely, the birth of their daughter, Barbara Anne, on July 30, and a picnic which was enjoyed by the Philadelphia K. S. A. C. alumni on June 22 at the beautiful and historic Valley Forge.

Those present at the picnic were: L. E. Gaston and Maud (Harris) Gaston, '08; Ernest F. Miller, '25, and Marjorie (Melchert) Miller, '23; Gerald C. Marrs, '23, and Mrs. Marrs; Nellie Payne, '20 and '22; John Rathbun, '16, and Charlotte (Hall) Rathbun, '17; N. J. Simpson, '24; E. F. Stalcup, '22, and Mrs. Stalcup and son, Donald; and Mrs. M. D. Snedecor and Kathryn Snedecor, of Chicago.

Admission price for all Big Six football games this year is \$2.50. Freshman games are \$1. Reservations may be made through the alumni office.

Edith T. Reel, '28, of Detroit, Kan., is teaching music in the Westmoreland rural high school.

RECENT HAPPENINGS ON THE HILL

A furnace explosion caused a \$50 damage at the Alpha Rho Chi fraternity house, 1020 Houston, last week. Most of the damage was due to smoke.

The all-college mixer was held Friday night, September 20, in Nichols gymnasium. Dr. H. T. Hill, of the department of public speaking, was master of ceremonies.

Sigma Delta Chi, honorary professional journalism fraternity for men, held initiation recently for John Bird, Hays; Johnson Holmes, Foster Scott, and Jay Adriance, Manhattan.

The Manhattan Theatre, under the direction of H. Miles Heberer, has announced its program for the 1929-30 season. "The Queen's Husband," to be given October 11 and 12, will be the first play of the year.

Joseph T. Ware, a graduate of Georgia Tech, is a new instructor in the department of architecture. Ware has just returned from the Ecole Americaine des Beaux-Arts, at Fontainebleau, France, where he has been studying.

The Chemical club held its first supper meeting of the season September 26 at the Pines' cafeteria. Channing Myers was elected president and Howard Jobling, secretary. Members of the club include the chemical engineers and the industrial chemists of the college.

Four fraternities and five sororities have new house-mothers this year. They are: Mrs. Lillian Wullenwaber, Beta Phi Alpha; Mrs. Annie C. Stephens, Alpha Delta Pi; Mrs. J. W. Vaniman, Delta Zeta; Mrs. Lu-sena B. Peterson, Phi Omega Pi; Mrs. J. D. Richey, Sigma Phi Epsilon; Mrs. Anna Bitzer, Sigma Phi Sigma; Mrs. Fannie B. McAdams, Pi Kappa Alpha; Mrs. F. E. Hawthorne, Lambda Chi Alpha; Mrs. Ella Lyles, Acacia.

OUR OWN FOLKS

E. A. Stokdyk, M. S. '24, is now doing agricultural economics research work at the University of California. Stokdyk was associate professor of agricultural economics and marketing specialist since 1921.

Albert H. Ottaway, '28, and Clare (Russell) Ottaway, '28, of Goddard, write:

"We are now on a farm applying all ideas and theories learned at K. S. A. C. We have hardly been here long enough to be experienced farmers but are liking it better all the time."

Sarah Morris, '25 and '28, who last year was an instructor in the department of institutional economics and assistant director of the cafeteria, now holds the position of instructor in home making in the San Jose State Teachers' college, San Jose, Calif. Miss Morris teaches institutional courses and directs the college cafeteria.

Alan Dailey, '24, has been appointed agricultural radio writer for the United States Department of Agriculture, Washington, D. C. In this capacity Dailey will work under the direction of Morse Salisbury, '24, who was formerly instructor of journalism at K. S. A. C. and who is at present in charge of the radio work in the United States department of agriculture at Washington.

Kay H. Beach, '28, is instructor in vegetable gardening at Massachusetts Agricultural college, Amherst.

Dr. W. A. McCullough, '98, and Josephine (Wilder) McCullough, '98, Los Angeles, spent several days of July in Manhattan visiting with friends.

Margaret Haggart, '05, has accepted the position as head of the home economics department, K. S. T. C., Hays. Miss Haggart was formerly head of the K. S. A. C. department of food economics and nutrition, and has more recently been on the staff at Iowa State college.

The Men Behind the Wildcats



Above are the three members of the 1929 Kansas Aggie football varsity coaching staff. Left to right are Oss Maddox, line coach, formerly of Geneva college; A. N. (Bo) McMillin, head coach; and Frank Root, assistant coach. The same trio handled the Wildcats in 1928.

PURDUE FIRST HURDLE; WILDCATS HIT STRIDE

M'MILLIN WILL TAKE LARGE SQUAD TO LAFAYETTE, IND.

Largest Opening Game Crowd in Purdue History Will See Boilermaker-Wildcat Fray—Stiff Scrimmage Brings Injuries

Can "Bo" McMillin, himself a wizard of the gridiron in his collegiate days, instill into his Kansas Aggie squad enough football magic to defeat Purdue university at Lafayette, Ind., on Saturday? Can the Wildcats stop Ralph (Pest) Welch, outstanding individual star of the Western conference last year?

These questions were being asked by Wildcat followers Wednesday as the team went through its last regular workout of the week and of course no one, not even "Bo" himself, could do more than venture a guess. The squad is to leave Manhattan at 2:30 o'clock Thursday afternoon.

The largest opening game crowd in the history of Purdue football will see the Boilermakers and Wildcats play, according to statements emanating from the Purdue athletic office. The combined reputations of the Wildcats and their mentor have attracted unusual interest in the Western conference.

From 30 to 32 men, one of the largest squads ever to make an extended road trip from the college, were to be selected for the journey, unless injuries make it advisable to reduce the list. In Monday's practice two outstanding men, H. R. (Doc) Weller of Olathe and Eldon Auker of Norcat, were on the sidelines because of injuries.

TWO SHOULDER INJURIES

Weller, a one-letter halfback, was hurt during the first few days of practice and has not recovered as rapidly as it was hoped he might, though he has been allowed to take a casual part in the practices. Auker, a sophomore end and one of the best punters on the squad, was hurt in scrimmage last Saturday.

Saturday's scrimmage found the varsity pitted against the freshmen, McMillin having reluctantly abandoned his edict that there would be no such gridiron meetings this year.

The "frosh" eleven proved strong—surprisingly strong, be it admitted. The first varsity line gave scarcely a foot, but substitutions allowed the redshirts to find a hole or two and gain needed confidence. From then on the men of Coach Ward Haylett and Assistant Owen Cochrane gave the varsity just what was needed—stiff offensive and defensive opposition.

In the varsity line Tackwell, Freeman, and Cronkite were among those doing the right thing at the right time, and in the backfield Fifer of Mahaska perhaps outshone his mates due to apparent prearrangement with freshman passes that they should land in his arms. Al Tucker, Ottawa, big varsity tackle, received a gashed eyebrow and a purple eye from an enterprising freshman. Will Towler, end, suffered a hip injury.

MONDAY PRACTICE EASIER

Monday's practice was somewhat lightened because of Saturday's hot affair. Conditioning exercises were stressed but toward the last of the session the freshmen were called over to help with offensive and defensive passing practice. Similar practices were due for the rest of the available periods as the injury list already is large enough.

W. Y. Morgan, chairman of the state board of regents, and President F. D. Farrell were spectators at the Monday practice. Gates of Stadium field were thrown open at first, but later were locked to bar unknown visitors.

Guesses at the Wildcat starting lineup for Saturday were almost as numerous as students at the college. One more guess is made for INDUSTRIALIST readers:

Ends, Towler and Daniels or Auker; tackles, Freeman and Cronkite; guards, Tackwell and Yeager; center, Barre; quarterback, Evans; halfback, Nigro and Fifer; fullback, Wiggins.

Numerous substitutions undoubtedly will be made, as competition for each team place is very keen.

Purdue has a veteran backfield and a line which, while not counted "veteran," still has a letter man available for every position.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. at Lafayette.
Oct. 12—Texas A. & M. at Dallas.
Oct. 19—Kansas U. at Lawrence.
Oct. 26—Oklahoma U. at Manhattan.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

BIG FRESHMAN SQUAD REPORTS TO HAYLETT

Twenty-six Former High School Captains Included—Junior College Stars Also on List

More than 120 freshmen turned out for the first practice of the season under Coach Ward Haylett. Twenty-six former high school captains were on the squad, which also includes several junior college letter men, and one or two former members of varsity squads at other colleges.

The list of candidates, in alphabetical order, is as follows:

J. R. Ayres, e., Greenleaf; L. K. Anderson, hb., Cleburne; Merle Baker, fb., Douglass; H. Bemis, hb., Cawker City; George Brummer, c., Cawker City; J. A. Bieherly, g., Spearville; Don Beach, g., Chanute; Ferrell Bozarth, l., Lenora; C. W. Brooks, hb., Manhattan; G. G. Beal, e., Eureka; H. R. Brown, hb., El Dorado; O. K. Brandon, c., Larned; Dale Berger, hb., Burlingame; Robert Berger, g., Douglass; Robert Brown, hb., Fall River.

F. E. Booth, t., Hiawatha; K. E. Baker, e., Attica; Franklin Cain, hb., Chanute; Earl Carter, e., Ulysses; J. R. Cooper, e., Humboldt, Neb.; R. K. Cram, t., Bird City; Edward Crans, c., Lenora; Wilmer Conger, hb., Ionia; C. O. Carligen, qb., Scandia; Lyle David, qb., Bucklin; L. R. Daniels, hb., St. Francis; B. J. Peters, e., Downs; O. H. Douglas, r. fb., Courtland; G. M. Donahue, hb., Manhattan; L. H. Dalton, e., Fort Scott.

C. H. Dilsaver, t., Kensington; E. C. Daniels, c., Lincoln; Floyd Davidson, t., Madison; Howard Drew, g., Rolla; Edward Dyer, g., Leavenworth; Rudolph Eberle, c., Emporia; C. E. Ernel, c., Union; Laurence Engdahl, g., Marquette; A. B. Erhart, e., Timken; Fred Fletcher, hb., Bucklin; G. D. Ferguson, t., Gridley; Blake Fenton, e., Glasco; Jack Goring, hb., Topeka; Gilbert Green, hb., Norton; R. H. Gump, g., Abilene; F. W. Gwinn, hb., Falls City, Neb.

Glen Harsh, hb., El Dorado; L. C. Hoener, c., Preston; H. H. Boyd, c., Concordia; Orville Hopkins, qb., Augusta; George Hawks, t., Netawaka; J. F. Hall, c., Council Grove; G. L. Honstead, g., Waterville; T. E. Hall, qb., Potter; Donald Haws, qb., McPherson; Robert Helming, fb., Ames, Iowa; Haden Hobbs, hb., El Dorado; William Hogstrom, g., Lindsay; H. L. Hosen, hb., El Dorado; Harvey Holm, e., Dwight; J. C. Holsess, fb., Mexico; George Irvine, hb., Stafford; Howard Kester, e., Cambridge, Neb.; Claire King, t., Sabetha; J. P. Kesler, fb., Overbrook; Manuel Kartner, e.

W. G. Klein, e., Halstead; Laurence Karr, hb., Troy; A. J. Koster, hb., Manhattan; Bob Lang, hb., Denver, Colo.; Roger Lang, hb., Denver, Colo.; Clyde Lewis, t., Topeka; A. C. Mermis, hb., Gorham; D. T. McKee, g., Hiawatha; R. E. Marken, c., Topeka; V. W. McGinnis, g., Ord; N. Auburn; W. C. Muirhead, e., Bradshaw, Neb.; L. F. Morgan, e., Hugoton; T. G. Mueller, g., Tucson, Ariz.; O. B. Moody, g., Ogden; E. F. Morrison, t., Colby; C. E. McClure, hb., Republic; Lloyd Michael, c., Lawrence; Rollin Newcombe, t., Hutchinson; Orin Olinger, hb., Hugoton; Chester Ogen, hb., Creston, Neb.; LeRoy Peak, hb., Pratt; L. B. Pilcher, e., Glasco; Raymond Peterson, g., Wiley; C. A. Reynolds, hb., Wilder; Jake Reineccius, c., Creston, Neb.; Alton Ryan, hb., Chillicothe, Tex.

John Reyer, c., Parsons; A. A. Reichert, rh., Silver Lake; Harold Roeseke, hb., Bison; Lloyd Schulze, e., Norton; Russell Smith, qb., Manhattan; Lisle Smelser, e., Manhattan; E. R. Satunas, t., Chicago, Ill.; Fred Schmidt, t., Junction City; Harold Scott, hb., Altoona; Herbert Seibert, hb., Nelson, Neb.; William Snodgrass, g., Anchorage, Alaska; Orville Snyder, t., Salina.

George Stansburg, e., Ulysses; R. E. Teter, t., El Dorado; J. V. Thompson, e., Goodland; George Torgchaer, e., Marquette; Albert Vesecky, t., Kansas City, Kan.; Kendall Walker, hb., Glen Elder; Carl Wendell, t., Mulberry; Harley Witt, c., Partridge; Cecil Wittum, hb., Caldwell; C. L. Woodyard, s., Waterville; Merwin Wilson, g., Mulvane; Philip William, hb., Dodge City; James Woodyard, qb., Waterville; Jack White, hb., Kanopolis; Walter Zeckser, fb., Alma.

New Graduate Agronomist

Glenn S. Smith of Langdon, N. D., arrived at the college this week to take graduate work in the departments of agronomy and milling industry.

Mr. Smith holds the rank of junior agronomist in the United States department of agriculture. He has been granted six months temporary leave to pursue graduate work. He has been working on small grain improvement at the Langdon substation.

Florists' Short Course

November 7, 8, and 9 are dates set for the second annual K. S. A. C. florists' short course, according to Prof. W. B. Balch, who will be in charge.

The stable fly breeds in old straw stacks.

New Alpha Delta Pi House



This is the new \$45,000 home of the Alpha Delta Pi sorority. It faces west on Sunset drive about 200 yards south of West Anderson avenue. The house is a three story English type, the lower portion of mottled variegated brick and the upper of stucco, half timbered. Furniture was moved in last Sunday. Accommodations are provided for 45 girls.

Vivian Kirkwood Honored

The name of Vivian Illene Kirkwood was omitted from the list of seniors receiving honor awards at the summer school commencement as published in the last issue of THE INDUSTRIALIST. Miss Kirkwood was awarded senior honors in the division of general science.

COL. L. R. BRADY IMPROVES FROM ATTACK OF PARALYSIS

'Premier Aggie Football Fan' Stricken at Hutchinson

Colonel L. R. Brady, ring superintendent of many midwestern fairs and horse shows, was taken to a hospital at Hutchinson, September 16, suffering from a paralytic stroke. It is reported that his condition is now slightly improved.

Colonel Brady was found in a helpless condition in his hotel room in Hutchinson and unable to speak. He had driven to Hutchinson Sunday afternoon, September 15, unaccompanied, and was to be an announcer at the state fair.

Nearly two years ago Colonel Brady suffered a stroke of paralysis. He has lived in Manhattan more than 50 years and is known as the "premier Aggie football fan."

K. S. A. C. Specialists to Talk

George Montgomery, extension specialist in agricultural economics, and J. J. Moxley, extension animal husbandman of the college, will represent K. S. A. C. on the program of a cattlemen's meeting at Brethour Brothers farm in northeast Riley county, October 9.

PROGRESS OF KANSAS PRESS

F. E. C.

C. F. Glick recently purchased the Ellis Review-Headlight. This paper was formerly owned by the Dawsons.

The Herndon Nonpareil has changed from a five column to six column quarto after installing a new six column quarto press recently.

Farm bureau items written by Walter J. Daly find front page space in the Pleasanton Observer-Enterprise. This may be accounted for by the fact that Daly can write a story in good news style.

The Johnson County Democrat is another paper in which the editor and the local county agricultural agent work together. C. A. Jones, county agent, has an entire page devoted to farm news and farm aids in the Democrat.

Will F. Wilkerson, publisher of the Spring Hill New Era, has sold the paper to H. E. Winkler. Wilkerson was publisher of that paper for more than 38 years. Mr. Winkler sold his interest in the Gypsum Advocate to his partner, C. J. Anderson, before buying the New Era.

Kansas has a new stray livestock law, and the Colby Free Press recently printed an interpretation of it. The law apparently was designed to improve conditions in western Kansas where some farmers allow their livestock to run at large. The Free Press editor suggests to his readers that the law certainly contemplates that the stock must be kept up and cared for by the owners.

LIFE PAYMENTS MADE BY 32 AGGIE ALUMNI

Student Loan Fund Substantially Increased by Those Who Paid Pledges During Summer

Thirty-two alumni increased the loan fund by completing payments on their life memberships in the alumni association during the summer months. They are as follows:

Fern E. Cunningham, '28, Academy, S. Dak.; Dale Wilson, '28, Corvallis, Ore.; Ralph Snyder, '90, Manhattan; L. W. and Crete S. Fielding, '05, Manhattan; William A. Dalton, '25, Kansas City, Mo.; Olive Flippo, '27, Abilene; L. J. Simmons, '28, Vinland; Harvey J. Stewart, '28, Americus; Vera Frances Howard, '28, Lincoln, Neb.; Louis C. Williams, '12, K. S. A. C.; Clarence K. Fisher, '28, McDonald.

M. C. Axelton, '28, Yates Center; John O. Morse, '91, Mound City; Genevieve Mickelson, '28, Leavenworth; Elizabeth Fairbanks, '29, Enterprise; Susan Scott, '28, San Jose, Calif.; Edith Ames, '27, Arkansas City; Catharine Lorimer, '28, Kansas City, Mo.; I. M. Atkins, '28, San Antonio, Tex.; F. M. Hayes, '08, Davis, Calif.; Cora Thackrey Harris, '98, Manhattan.

Kenney L. Ford, '24, Manhattan; Fred D. Strickler, '25, Hutchinson; Carl G. Iles, '25, Iola; F. E. Hull, '25, Downs; H. E. Ratcliffe, '23, Washington, D. C.; Jessie Wagner, '00, K. S. A. C.; W. E. and Ethel (Roseberry) Grimes, '13 and '14, Manhattan; George H. Bush, '22, Fort Wayne, Ind.; and G. I. Johnson, '28, Athens, Ga.

"Daily Lessons in English," in which common mistakes in usage and pronunciation are corrected, is the name of a readable feature conducted by W. L. Gordon for the Salina Journal. In this department an attempt is made to enlarge the reader's vocabulary as well as to illustrate correctly the usage of ordinary words and expressions. This feature is not a new one but it is a good one.

Vivid recollections of the worst grasshopper year in Kansas have been written for the Douglass Tribune by Editor J. M. Satterthwaite. The real grasshopper year was 1874, just 55 years ago, according to Senator Satterthwaite. Though the grasshoppers visited Kansas on numerous occasions, this particular year is to be remembered particularly. What happened to the "red legs," as these grasshoppers were called, is not known by Senator Satterthwaite. He thinks they may even be extinct now.

Editor W. A. Blair of the Oswego Independent accompanied the "million dollar dairy special" into Iowa, Minnesota, and Wisconsin. He wrote a column of notes for the readers back home. Mr. Blair believes those on board the special train have not overestimated the possibilities of dairying and proper crop rotation in the southeastern part of Kansas. He says further that there seems to be little difference in the quality of dairy stock in Iowa and in his own territory around Oswego. The principal difference is the big way in which dairy farmers conduct their business in these other states.

BROOKS REPORTS ON STATE DAIRY HERDS

FISCAL YEAR 1928-29 WAS SATISFACTORY ONE

Cows at 12 Institutions of Kansas Increase Production Slightly—Rigid Culling and Herd Improvement Continue

Dairy herds maintained at a dozen Kansas state eleemosynary institutions made satisfactory records during the last fiscal year, the annual report of H. J. Brooks, specialist in charge of the herds, shows. The production of 660 equivalent cows for the year averaged 9,242.5 pounds of milk and 321.4 pounds of butterfat. The average butterfat test was 3.48 per cent.

THEY MAKE A PROFIT

Most striking among the figures offered in the report of Mr. Brooks are those concerning the average return per cow above feed costs. The 660 equivalent cows produced milk enough to bring an average return of \$151.90 per head during the year, value of the product being figured at 23 cents per gallon, except in the case of the herd of the reformatory at Hutchinson where because of high butterfat test the milk was valued at 25 cents per gallon.

Average production of cows in the state herds is more than twice that of the average Kansas milk cow, Brooks states, and has been brought about through the use of better herd sires, rigid culling, and proper attention to feeds and feed costs. Every producing cow must prove her right to remain in the herd. Lacking this ability, she is sold as an undesirable animal.

The number of animals in state herds increased 4.8 per cent during the year, though the natural increase is offset to a very great extent by close culling and other losses. Of 1,322 cattle in the 12 herds, 755 were cows that were milked at some time during the year. It should be noted that this number is reduced to equivalent cows. This is done by dividing the total months in milk of the part time cows by the average lactation of the 12 month cows and adding the result to the number of 12 month animals. The average lactation of the 660 equivalent cows was 10.3 months.

PARSONS HERD HIGH

The average production for all animals in the state herds during the 1928-29 year was an increase of two per cent in milk and five per cent in butterfat over last year, Brooks explained. To the herd of the state hospital at Parsons go the honors for high production.

COLLEGE ORCHESTRA MEMBERS ARE CHOSEN

Fifty-two Students and Faculty Members Will Play in College Organization, Director Says

The names of 52 successful candidates for membership in the Kansas State Agricultural college orchestra were announced this week by Lyle Downey, director. Tryouts were held last week.

The successful candidates are as follows:

Violins—Max Martin, concertmaster; Sybil Parks, Parsons; Irene Knittle, Manhattan; Joseph Slechta, E. St. Louis, Ill.; Deda Louise Drake, Manhattan; Emily Rumold, Herington; Drussilla Beadle, Effingham; C. O. Sides, Lamar, Mo.; Marjorie Pyle, Manhattan; M. Knock, Independence; Paul Chiles, Miltonvale; Louise Reed, Manhattan; Florence Wiltse, River Forest, Ill.; Rebekah Curtin, Kansas City, Kan.; Eugenia Leighton, West Helena, Ark.; Alta Theier, Manhattan; Wilbur Wahl, Wheaton; S. B. North, Marlow, Okla.; Virgil Morey, Narka; B. K. Geraghty, Selden; Harry Hinchliff, Manhattan; Minnie M. Lane, Lyndon.

Violas—K. D. Phelps, Pratt; La Vore Fossnight, Ottawa.

Cellos—Dr. J. L. Hall, Stanton, Neb.; Ashley Monahan, Manhattan; Kathryn Wilson, Liberty, Mo.; Gladys Schmiedemann, Manhattan; Ivaloe Hedge, Manhattan.

String basses—Prof. J. J. Feroe; Jack Carr, Salina.

Oboes—Hal McCord, Manhattan; Billy Fitch, Manhattan.

Flutes—Catherine Colver, Manhattan; Adrian Winkler, Paxico; Frances Conrad, Ottawa.

Bassoons—Prof. E. V. Floyd; Prof. E. K. Chapin.

Clarinets—Margaret Colver, Manhattan; J. R. Mather, Manhattan; William Edwards, Concordia.

Trumpets—Rowena Stiles, Kansas City, Kan.; C. E. Powell, Frankfort; Ernest Green, Concordia.

Trombones—B. R. Prentiss, Clay Center; F. G. Powell, Frankfort; John Hartung, Parsons.

Drums and tympani—John Burke, Glasco; Emory Good, Manhattan.

Piano—Ruth Thomas, Baxter Springs; Venita Schade, Manhattan.

French Horns—Homer Yoder, Manhattan; Tom Groody, Washington.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, October 9, 1929

Number 4

HOMECOMING AND JUBILEE JOINT ALUMNI ATTRACTIONS

REGISTRAR ANALYZES K. S. A. C. ENROLMENT

GENERAL SCIENCE DIVISION IS LARGEST

Engineers a Close Second with Freshmen Leading the Classes with 1,143—436 Seniors—143 Graduate Students

How the first semester students of the Kansas State Agricultural college are distributed among the several divisions is shown in an analysis prepared on October 1 by the office of Miss Jessie McDowell Machir, registrar. On that date 3,020 students had enrolled, and though a half dozen or more have registered since, the number is too small to cause significant changes in the analysis.

It is apparent from the statistics that enrolment for the present semester is practically normal, though increases in the number of students taking engineering and veterinary medicine are noticeable. The increase in enrolment for the school as a whole—approximately 150 to date—is distributed about normally and evenly in all the five major divisions.

FEWER IN GENERAL SCIENCE

Only one division, general science, has fewer students enrolled today than it had a year ago. The number at present is 68 fewer than at the corresponding time a year ago. In the fall of 1928, 1,061 students were enrolled in general science. On October 1 this year, the number stood at 993.

Enrolment in the division of agriculture a year ago was 395, for the present semester 419, an increase of 24 or 6.1 per cent. Most noticeable is the change in number of students pursuing the curriculum in veterinary medicine. Last fall 78 were enrolled, now the figure is larger by 47.4 per cent, representing an increase of 37 students.

In home economics there are 35 more young women enrolled now than a year ago, representing an increase of 7.5 per cent. Where 468 made up the home economics group in 1928, 503 now constitute it.

NEARLY THOUSAND ENGINEERS

Second only to veterinary medicine in percentage of increase and having by far the largest growth in actual numbers, the engineering division this semester boasts a total enrolment of 990 students, three fewer than has the general science division. A year ago the number was 875, 115 fewer than at present. The percentage increase for the division is 13.1.

Miss Machir's analysis shows also the numbers of students in the several classes. There are now 1,143 freshmen, only 45 more than a year ago. The sophomores now number 698, 62 more than last fall. The junior class of 546 is larger by 28 than it was a year ago. The senior class has fewer students right now than a year ago, though the decrease of 11 is not significant since the class numbers 436.

Graduate students number six more than for the first semester of 1928-29, with 143 enrolled. There are 47 students carrying special assignments and seven taking trade courses.

The registrar's statement also shows how the enrolment in general science is distributed and where the decrease occurs. It is principally in the enrolment for the general science curriculum, there being 71 fewer students now than a year ago. Enrolment in the curriculum of industrial journalism now stands at 134, compared to 152 a year ago.

The foregoing losses are partially offset for the division by an increase of 16 students in the commerce curriculum and of six in industrial chemistry. Changes in other curricula of the division are so small as to be relatively unimportant.

Buddy, You Wouldn't Know Your Old Barracks—But You Can Visit 'em Soon

Graduates and former students who lived in the barracks on the campus during the war, will scarcely recognize their old place of abode when they return for homecoming two weeks hence. A great change has taken place through the removal of some of the barracks to make room for the new power plant which recently went into operation.

The barracks that were torn down to make room for the new power plant were numbers 1, 2, and 5.

Immediately after the armistice was signed in 1918, the barracks were vacated by soldiers and their equipment. The mess hall in number 5 continued in use for about three years to help relieve the crowded condition at the old cafeteria in Kedzie hall.

After the war number 1 was used as a store room by the building and repair department. Number 2 was

a store room for the agricultural engineers, with number 3 being used as a tractor laboratory, work shop, and experimental department by the same department.

Barrack number 4 has been divided so the chemistry, zoology, agronomy, and animal husbandry departments each have a room for experimental purposes.

Number 6 has been used as a contagious hospital and a locker for students in the engineering shops.

The lumber from number 5 has been used in making a new building for the auto-mechanics department. This department was in barrack number 5 up until the time it was torn down to make way for the new power plant. Barracks numbers 3, 4, and 6 still are standing today as they were during the war, now weather beaten but still serviceable.

JARDINE COMING TO KANSAS THIS MONTH

Former K. S. A. C. Head Accepts Invitation to Address Potato Growers in Topeka

Though his Manhattan friends are hoping Dr. William M. Jardine will visit them when he comes to Kansas late this month, Kansas potato growers are certain to have an opportunity of seeing and hearing him when he addresses them at a banquet, October 29, during the ninth annual Kansas potato show in Topeka. Prof. L. E. Melchers has received a communication from Doctor Jardine in which the former K. S. A. C. president has accepted the engagement to address Kansas potato growers.

Doctor Jardine is now president of the United Growers, Washington, D. C., a \$50,000,000 corporation organized for marketing truck crops. In his address at Topeka Jardine is expected to discuss the relationship of his company to the marketing of Kansas potatoes.

Other members of the Kansas State Agricultural college will have a prominent part in the program of the three day potato show—October 28, 29, and 30. Professor Melchers himself will give an illustrated talk on Egyptians and Egyptian agriculture based upon the year and a half which he recently spent in the employ of the Egyptian government. Dr. O. H. Elmer, Prof. L. E. Willoughby, Dr. W. E. Grimes, Dean H. Umberger, and Prof. W. P. Mortenson are others who will represent the college at the potato show.

W. H. Robinson, country agricultural agent of Shawnee county, will discuss the potato scab experimental plots maintained in Shawnee county. Potato growers or dealers who will speak are James W. Trant, Edwardsville; Charles Speaker, Kansas City, Kan.; C. V. Cochran, Topeka; and Jesse Haney, Topeka.

TOUCHDOWN LEAVES CAGE AFTER KIDNAPERS FAIL

Wildcat Mascot 'Out' Until After Jayhawk Game

Touchdown the Second, the college wildcat mascot, has left her cage near Nichols gymnasium for an extended vacation, the first in several years.

The vacation will continue until after the Kansas Aggie-Kansas university football game at Lawrence October 19.

Touchdown withstood an attempted kidnaping on Tuesday night, October 1, but lost a huge patch of fur and suffered a crippled paw in the fracas. Several large rocks, pieces of rope, and pieces of sacking were found in the cage, and there were indications that Touchdown had been "sacked" and dragged to the door of

the cage, only to escape. The wildcat has previously withstood two kidnaping attempts just before K. U. Aggie games in past years.

No clue as to the whereabouts of Touchdown was given by M. F. (Mike) Ahearn, director of athletics, who said she would be restored to her cage after the game at Lawrence.

Touchdown is highly prized since she is credited with having slain the once powerful K. U. "Jinx."

RAILROADS OFFER CUT FARES TO HOMECOMING AND JUBILEE

Half Fare Schedule Applies for Oklahoma Game

Railroads of the Western Passenger association have authorized the following reduced fares for the Diamond Jubilee at Manhattan, October 20 to 26, 1929:

Open rate of fare and one-half for the round trip from points in Kansas from which the one-way fare to Manhattan is \$7.20 or less and from Kansas City and St. Joseph, Mo. Dates of sale are October 19 to 24, inclusive, and the return limit is October 28, 1929. Half fare for children of half fare age.

In addition, the interested railroads have also authorized for the Kansas Aggie-Oklahoma football game, October 26, a rate of one fare for the round trip from all points in Kansas, also Kansas City and St. Joseph, Mo., minimum adult fare a dollar; half fare for children of half fare age.

Homecoming Reservations

Reservations for the Oklahoma U. (Homecoming) game are now being made through the alumni office. Tickets are \$2.50 each, and will be in a block of good seats set aside by the athletic department for the use of the alumni. Reservations should be made as soon as possible. All remittances for game tickets should include 20 cents for insurance and postage.

ANNUAL FALL HATCHERY MEET TO BE CONTINUED

Commercial Baby Chick Men Want Two Day School—Expect Over Production Next Spring

Total attendance at the two day hatchery school sponsored by the poultry department here last week was well over 80, according to Prof. L. F. Payne, head of the poultry husbandry department. Most important of the announcements made following the school was the decision to continue this annual hatchery men's meeting. College poultry men had contemplated discontinuance of the fall hatchery school and substitution in its place of a spring meeting to be held at the time of the annual baby chick and egg show.

Members of the Kansas Accredited Hatcheries association as well as other Kansas hatchery men were opposed to the plan to discontinue the fall school. The autumn meeting comes at a time when they can better leave their work, whereas the contemplated spring meeting would come during a busy hatching season.

Although effort will be made to bring hatchery men to the spring show, the fall school will still be an important meeting, according to Professor Payne.

Hatchery men were told that they face what will probably be a serious over production of chicks during the coming season. Based on reports from 87 hatcheries in Kansas the increased incubator capacity will be about 30 per cent. There are more than 180 hatcheries in the state, hence the over production might easily exceed 30 per cent.

The increased incubator capacity means that incubators in use will hold one and one-fourth million more eggs than those in use in 1929. Since this figure is based upon a single setting, the increase for the entire season will be approximately four and one-half million, according to Professor Payne, which would mean virtually four and one-half million more baby chicks coming from Kansas hatcheries in 1930 than in 1929.

MANY FORMER AGGIES PLAN EARLY RETURN

OKLAHOMA GAME CLIMAXES MANHATTAN BIRTHDAY FETE

Airplane Races, Military Parade and Exhibitions, and Old Settlers Day Highlights of Week's Celebration—Sixteen Bands Coming

Homecoming Kansas Aggies from all parts of the country will attend the Diamond Jubilee birthday celebration of Manhattan, as well as the events planned especially by the college alumni office for the Homecomingers.

An airplane race from Bartlesville, Okla., to Manhattan, will start the jubilee program, the finish of the race being Sunday, October 20. Colonel Arthur Goebel, winner of the Dole flight to Hawaii, and Mrs. Louise McPhetridge von Thaden, winner of the first woman's air derby, are among those expected to compete, according to the committee in charge.

An 18-mile, a 20-mile, and a 50-mile race over the Manhattan airport are part of the program for Sunday afternoon. Stunt flying, wing walking, parachute drops, and other features are planned, as well as a demonstration on the part of United States army planes. Airplanes will give exhibitions and carry passengers all through the week.

Monday and Tuesday are devoted to the Riley county 4-H fair, although a diamond Jubilee parade is planned for Tuesday afternoon, and a vaudeville and fireworks display are planned for Tuesday night.

TRANSPORTATION EVOLUTION

Most of the methods by which man has contrived to move himself about the earth, from walking to airplane, will be displayed in the Transportation day parade the afternoon of October 23. The parade will be preceded by an "Old Ford" contest. Among the exhibits will be a Union Pacific train of the type which first was used in this section of the country. First presentation of the pageant giving an outline of Manhattan history from Coronado to the present will be the night of October 23.

Among the speakers who have been invited to appear at the jubilee are Vice-President Charles Curtis, Senators Henry J. Allen and Arthur Capper, and Governor Clyde M. Reed.

A high point in the week's entertainment will be reached Thursday in the Military day program, provided through the courtesy of the army post at Fort Riley, and the College Reserve Officer's Training corps.

Two military bands, those of the Second and Thirteenth cavalry, will appear in the military parade Thursday morning. The Thirteenth cavalry, a field artillery unit, and the college R. O. T. C. are among those who will take part in the parade. Exhibition jumping, fancy cavalry drill, rough riding, and engineering bridge drill, an artillery drill, and an air corps drill are on the program, which will be followed by a concert by the two military bands.

GOVERNOR ASKED TO SPEAK

Governor Clyde M. Reed is expected to speak on the afternoon of Military day. The day's program is in charge of Captain Edward Brooks of Fort Riley. In the evening the historical pageant will be an attraction, with a beauty contest and style show also on the program.

Old settlers will have their day on Friday, October 25, with a parade of old time vehicles, an old fiddler's contest, a horse-shoe pitching contest, a floral parade, and a band contest on the day's program. The accomplishment contest for Kansas girls, the winner of which will receive a year's scholarship in K. S. A. C., also will be held Friday.

Sixteen Kansas bands will participate in the band contest Friday, including those of the college, Barnes, Belleville, Clay Center, Concordia,

(Concluded on page 4)

Do You Recognize This Scene?



THEN!



NOW!

Who can correctly identify these two scenes, snapped by a photographer upon the K. S. A. C. campus? Some few of the Old Timers may recognize the view on the left as lovers' lane but THE INDUSTRIALIST doesn't know just when it was taken. The picture was found in the files with this inscription on the back: "S. C. Orr, view artist, Manhattan."

Anyway, lovers' lane today isn't what it used to be as you can see by the view on the right. A rock road has obliterated the wagon tracks which are visible in the older picture. Kansas windstorms have played havoc with the Silver maples that lined the lane in days gone by, and a branch of the hard surfaced road leads to the President's home about half way up the campus hillside.

No, lovers' lane isn't what it used to be! And you may see for yourself when you return this month for Homecoming. Incidentally, who can give THE INDUSTRIALIST editors some pertinent information on how and why lovers' lane got its name? We can guess, but we want some real local color on the subject.

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F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY, Assoc. Editors
KENNEY FORD, Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, OCTOBER 9, 1929

MANHATTAN'S BIRTHDAY

Homecoming this year falls on a birthday. The annual event of outstanding interest to alumni of K. S. A. C. will be for the community this year of 1929 the outstanding event of 75 years. Manhattan, 75 years old, will celebrate her diamond anniversary.

The Diamond Jubilee itself will start Sunday before homecoming, but Saturday October 26, homecoming day, will be something of a climax. The college and the city which all the week will have been honoring the community's birthday will on the last day of the seven concentrate attention on the hill.

Always a time for reminiscence homecoming day this year will be especially rich in thoughts of older years. Some will come back to see a college that was a mile from town—a college that was little more than an academy, a town that was a hamlet mired in the mud on the banks of the Kaw—to discover a great institution of higher learning that is a part of a thriving modern city.

Even to younger homecomers the changed physical appearance of K. S. A. C. and Manhattan will seem hardly less than miraculous. And even though many will long for the good days of long ago none can fail to see that the good days of the past built a sturdy foundation for what was to come.

Homecoming alumni, each of whom had some share in shaping the future of the community, cannot but feel satisfaction in the accomplishments that the college and Manhattan are to celebrate during the Diamond Jubilee.

REALLY, PROFESSOR!

It has often been charged against learned and acute psychologists that they seem to toil laboriously to "discover" the obvious, and this charge, if ever it was justly advanced, seems to apply to Prof. Lewis M. Terman of Leland Stanford university.

At the recent International Congress of Psychology, held at Yale university, Doctor Terman announced, as his deliberate conclusion, that marriage makes the most masculine men more feminine.

This conclusion was set forth and defended in a paper that consumed several thousands of words, but the "discovery," reduced to its lowest terms, was that there are such phenomena as house-broken husbands—something that women have known since the days of cave apartments.

The reaction to the lay or non-academic mind to a pronouncement of this nature is that learning does not seem to go hand in hand with experience in life; that scholars do not possess anything like so broad-based a sense of probabilities as the ordinary man of the world has and thinks nothing of.

As J. W. N. Sullivan once wrote: "The genial and beaming professor expounding his theory often seems curiously like a child playing with tools. The mixture of amusement and respect with which the world watches him, is, on the whole, the correct reaction. As long as he is dealing with the incomprehensible one may grant him authority, but when he is talking about the very stuff of our ordinary experiences, we do wrong to accept the obviously ab-

surd for fear that it cannot be as silly as it looks."

The California professor has, by dint of correlating an immense amount of complex data, imagined that he has arrived at something new and hitherto unsuspected. All that it amounts to is that a man of strong masculine traits, after he has been broken to domestic harness, learns to accord his wife part of the time at any rate, the consideration that any gentleman should and generally is glad to exhibit toward any woman.

It would seem, however, that the good professor is not a fisherman nor a camper. If he were it is likely his paper would never have been written. The best of house-broken husbands revert to primitive savagery when they foregather in camps far from the living room rugs. All the habits of cleanliness and neatness inculcated in years of serene domesticity vanish in a flash. The good husband becomes a caveman once more—and is glad of it.

Professor Terman's paper makes good reading, but as a contribution to knowledge it has its weak points.

PLAYER OR PERFORMER?

Night football, tried out by Syracuse university, drew a crowd of 25,000; as this was a record for an opening game, the innovation seems to be regarded as a success. We regret that we cannot take this view of it. In our opinion, this is only one more thing of the sort we have criticized in the past; another example, that is, of tinkering with the game for the sole benefit of the spectator. So far as he is concerned, it may be granted at once, the idea is an inspiration. If it became general, he would be able to take his football just as he takes his theatre, after his day's work is done and when he has nothing else on his mind.

But how about the player? Does it add to his fun? Hardly. It would be difficult to conceive, indeed, of anything more bleary than running, blocking, and tackling on a chilly, dark field, wet with dew and lighted only by the glare of arc lights. All the tingle that ordinarily goes with the game, all the beauty of autumn weather, would be gone then, and football would no longer be sport but only work. And the player, even more than he is at present, would become a sort of gladiator to be trained for the entertainment of all who have \$3 to see him perform.

Of course it is possible that we are a little naive about this. We have heard rumors that the man who gets fun out of football has not lived yet; that to the man on the field the game is rough, laborious, and painful, and that he engages in it only for the glory, and perhaps for a tuition scholarship. Well, if that be true it certainly puts a different light on the whole case. If there is no fun in it for him it makes little difference whether he takes his punishment in daytime or nighttime. But if there is no fun in it for him, why do we have football at all?

—New York World.

THE FORESTS OF KANSAS

We presume that most people who are not familiar with Kansas think of it as a vast treeless plain. The fact is, however, that a large part of the state is not a level plain at all, but a picturesque rolling land rather thickly dotted with groves of trees.

According to statistics Kansas has 290,233,516 trees. Do not ask us who made the count, for we do not know. This includes 3,677,766 fruit trees and 555,750 trees that line the streets of the cities and towns.

While on the whole the forests of the United States are decreasing, in Kansas there has been a steady increase for a number of years and this increase is likely to continue.

—Topeka Daily Capital.

LEARNING ABOUT LIFE

In the mind of the undergraduate there was always—perhaps still is?—a pervasive awareness of now being a college man. This implies a serious obligation of Knowing About Life. To be awake after midnight (at which hour the dormitory lights were shut off at the power house) and finish a card game by candles, to consume late pannikins of cocoa with olives and crackers and argument about God, to read Tom Jones or Boccaccio, to visit the burlesque theatre in Philadelphia, these were

recognized forms of philosophical initiation. Going Fussing, as calling on young women was then always known, was respected as an inevitable concession to destiny, but hardly regarded as Seeing Life. —Christopher Morley in Saturday Review of Literature.

IN OLDER DAYS

From the Files of The Industrialist
TEN YEARS AGO

J. L. Lantow, '16, was instructor in the animal husbandry department of the New Mexico agricultural college.

C. W. McCampbell, '19, was at-

of Kansas at the Diosecan convention at Wichita.

Ora Yenawine, '95, and Grace Secrest, '96, were studying domestic art at Pratt institute.

FORTY YEARS AGO

William Knabb, '89, was employed as assistant bookkeeper in a Hiawatha bank.

B. M. Bovard, f. s. in 1886-1887, was a candidate for county surveyor in Lane county.

Charles Currie, f. s., in 1886-1887, and Mira Flemming, f. s., in 1888-1889, were married at Garrison.

F. J. Rogers, '85, and E. F. Nich-

How the College Began

"History of the Kansas State Agricultural College"
by J. D. Walters

As early as 1857, when the buffaloes were yet numerous in the northern part of Riley county, and less than three summers had bleached the roof of the first house west of the Blue river, an association was formed to build a college in or near Manhattan, to be under control of the Methodist Episcopal church of Kansas, and to be called Bluemont Central college.

The charter was approved February 9, 1858. It provided for the establishment of a classical college, but contained the following (in the light of future history) interesting section:

The said association shall have power and authority to establish, in addition to the literary department of arts and sciences, an agricultural department, with separate professors, to test soils, experiment in the raising of crops, the cultivation of trees, etc., upon a farm set apart for the purpose, so as to bring out to the utmost practical results the agricultural advantages of Kansas, especially the capabilities of the high prairie lands.

The leading members of the association were the Rev. Joseph Denison, D. D., afterwards president of the college; Isaac T. Goodnow, elected state superintendent in 1862, reelected in 1864; the Rev. W. Marlatt, now a model farmer on College hill; S. C. Pomeroy, afterwards United States senator.

A site of 100 acres was selected for the institution upon the rising ground about one mile west from the town, and the title secured by special act of congress introduced and fathered by Senator Pomeroy. The Cincinnati Town company promised liberal aid in town lots and town stock, but coupled their promise with the illiberal clause that the aid should not be delivered until the college association could show property to the amount of \$100,000. The New England Town company gave 50 shares of stock in the north half of Manhattan, representing 100 city lots. I. T. Goodnow, assisted by Doctor Denison, sold these, and by personal solicitation here and in the east obtained funds for a building.

Many of the founders must have taxed themselves quite heavily. G. S. Park (one of the builders of Parksville, Mo.), S. D. Houston, Joseph Denison, John Kimball, J. S. Goodnow, I. T. Goodnow, and Washington Marlatt gave \$300 each, which were princely gifts when measured by the financial condition of these pioneers. The whole amount of cash collected from all sources at the time amounted to \$4,000.

The cornerstone was laid with elaborate ceremony, May 10, 1859, with speeches from General Pomeroy and others, and the institution was opened for the reception of students about one year thereafter.

tending the school of commerce of New York university at New York City.

C. O. Levine, '14, professor of agriculture in Canton, China, was on leave of absence to take graduate work in the Iowa State college.

Mrs. Ida Migliario, '09, was field writer for the Capper farm press, Topeka. Mrs. Migliario was a former instructor in the division of home economics.

TWENTY YEARS AGO

Clara Pancake, '03, wrote of a delightful summer spent at Eagles Mere, Pa.

H. E. Porter, '07, and Louise Pierce of West Springfield, Mass, were married.

Helen B. Thompson, '03, was professor of home economics at the Rhode Island Agricultural college at Kingston.

E. G. Schafer, '07, who has been assistant in agronomy for the preceding two years, was taking graduate work at the University of Illinois.

THIRTY YEARS AGO

J. F. Odle, '94, was manager of the Jersey dairy farm of W. C. Moore, '88, near Parsons.

Mrs. Mayme (Houghton) Brock, '91, was elected secretary of the Daughters of the King of the State

ols, '88, were studying mathematics and physics at Cornell university.

FIFTY YEARS AGO

Sallie Hutsell requested her copy of THE KANSAS INDUSTRIALIST sent to her at Galena, where she was teaching.

New students enrolled were Oscar F. Pierce, Robert S. Baxter, Henry Nelson, Mary J. Fisher, J. M. Wylie, R. J. Wylie, Ezra S. Clarke, Frank H. Hulse, and Minnie Millikan.

SUPPORT

Babette Deutsch
in the Saturday Review of Literature

Youth is a thing not easy to endure: The ache, the heats, the hours that run like water Taking the sand, leaving no gold behind.

Age is a sickness that can find no cure. Age is like a poor woman with one daughter— Accursed issue, never out of mind.

I am no longer young, am not yet old. But my heart smiles at all the wild beats wasted Over a lover lost, an altar found, All the fierce life that is a story told, All the bright fruits that were so fondly tasted That now may lie untouched upon the ground.

For I have learned that there is nothing firm In all this universe. There is no motion Of blood or thought can cradle my unease.

I walk, knowing the road without a term; I lean against a voice, a curve of ocean, Shadows of clouds, the tall slow dance of trees.

SUNFLOWERS

H. W. D.

HENRY

The penalties for not keeping step with the herd are many and severe, but by some unintentional slip of cruel fate one is not conscious of them except upon occasion.

One of the occasions came along the other day when I received a sad letter from a boyhood friend of mine, now a successful professional man in a small city back in Ohio.

He must have drunk two cups of strong coffee at some bridge party, for he couldn't sleep and got to thinking. The next morning he wrote me the letter I speak of.

It seems that Henry, who is really the most kindly disposed man you could imagine—fond of his acquaintances and tolerant of their shortcomings—is misunderstood by almost everybody.

In the first place, he doesn't play golf—can't even talk it. He likes tennis and handball, and is a fairly good boxer. This has got him a reputation for being peculiar and exclusive. The golfers of his city, who are legion, can't understand why a fellow of his sporting instincts should so stubbornly refuse to see golf as really the finest sport that ever came out of Scotland, or any place else.

Then Henry has never joined a luncheon club, the food and the singing both disagreeing with him. Consequently he is accused of lacking civic enterprise and thinking himself better than his fellows. Certain of his friends wish he were more democratic and are quite sure mixing in with people and a little committee work every two or three days would bring him out wonderfully and double his income. (He already has much more practice than he can care for.)

Perhaps my friend's greatest sorrow is that although he aspires to be considered a true, tolerant liberal, he is heavily handicapped by the fact that he does not drink—not even socially. He was once unfortunate enough to remark, he confessed, in one of the best homes of his city, that personal liberty might give a man a right to drink but ought not force him to; and was immediately set down as a cad and a prude and a sour visaged Puritan. I have had many a convincing proof of Henry's deeply rooted spirit of tolerance, and I know this single misfortune, as trifling as it may seem to you and me, has caused him much misery.

There are perhaps a dozen other ways in which poor Henry has allowed himself to become a social maverick; he still likes to waltz and hates the jiggy dances, he cannot abide Roquefort cheese, informative doubles in bridge throw him into convulsions, he does not exactly adore costly apparel, he likes to commune with himself now and then, and the talkies have not yet secured his unqualified approval. He ran up such a long list of maladjustments that I doubt he will ever be able to effect anything like a workable compromise with modernity.

Sad indeed is the case of my dear, gentle friend. What a fine old hermit he would have made in the days when asceticism was in bloom! I would I could give him advice not obviously impracticable. As it is, all I can do is to ask him to watch his health closely and toughen his moral fibre until some unexpected genius shows us how to ignore this terrible tyranny of bloated majorities.

IVY POISON

There are three special points to be careful about when working around ivy. One is to wear rubber boots if possible. The next is not to break or mutilate the stems or leaves of the plant, because under those conditions it appears to let some of the poisonous volatile principle escape into the air, and one may be poisoned by this without actual contact with the plant. The next point is to keep out of the smoke when this poison ivy trash is burning, because the same danger of poison will be found in that. One more caution is needed, that is, if any of the roots are dug up, be careful about that because the roots seem to be even more poisonous than the top. —The Rural New Yorker.

LOOKING AROUND

KENNEY L. FORD

A Mirage?

Each year K. S. A. C. sends out a cordial invitation to all her sons and daughters, and their future Aggies, perhaps, to return for the classic of the year, the Homecoming game. This year Manhattan, the city that means much to all, joins K. S. A. C. in welcoming alumni back for the Diamond Jubilee celebration of the founding of Manhattan and for the Kansas Aggie-Oklahoma football game, Saturday, October 26.

The number of alumni returning for Homecoming increases each year. Picture if you will that all, instead of many, of our graduates would return this year. Just stand by the Co-op book store about 1:30 o'clock Saturday afternoon and watch the Homecoming alumni march by classes through Aggieville to Memorial stadium.

The class of '67 leads the imaginary procession with two living members from a class of five. They are Henry L. Denison, Denver, Col., and Laura (Haines) Bowen, Marietta, Ohio.

The class of '71 is represented by Luella M. Houston, whose last known address is 227 Cooper Bldg., Denver, Col.

Of the three-members in the class of '72 all are gone.

The class of '73, a class of 2 members, is represented by Eliza Davis Stringfield, 229 S. Normandie, Los Angeles, Cal.

The '74s, a class of 5, have only the possibility of being represented by Edgar F. Clark, address unknown.

Both members of the class of '75 are dead.

Two of the members of the class of '76 would enjoy this year's Homecoming: Ella (Gale) Kedzie, East Lansing, Mich., and Nellie Sawyer Jones, state leader, home economics extension, University of Wisconsin, Madison.

The class of '77, with five members, is led by Walter C. Howard, 1055 N. Kingsley Drive, Los Angeles, Calif., and Marion F. Leasure, La Cygne.

None of the four members of the class of '78 are alive.

The '79s, back again after last commencement with seven members, are led by Arthur T. and Etta (Campbell) Blain, Monrovia, Calif.

The '80s are represented by three members: Emma (Knostrman) Huse, 1020 Leavenworth, Manhattan; Grace (Parker) Perry, 11 E. Seventy-fourth street, S. & N., Portland, Ore.; and N. A. Richardson, 780 Fifth street, San Bernardino, Calif.

Of the members of the class of '81 three survive: Flora (Donaldson) Rhodes, Cassville, Mo.; William J. Lightfoot, 908 H street, N. W., Washington, D. C.; and Wirt S. Myers, last known address 748 Adeline street, Oakland, Calif.

The two ladies leading the seven members of the class of '82 are Mattie (Mails) Coons, 1204 Fremont, Manhattan; and Belle (Selby) Curtrice, 1009 Baltimore, Kansas City, Mo.

The class of '83, which has nine members, is led by Phoebe (Haines) McKeen, 624 Third street, Marietta, Ohio, and Dean J. T. Willard, "fifty years young at K. S. A. C."

Seven could represent the '84s. They are led by Charles L. Marlatt, Federal Horticultural board, Washington, D. C.; and Hattie (Peck) Berry, 1526 Poyntz, Manhattan.

In the forefront of the ten '85s is Albert Deitz, 3406 Jefferson street, Kansas City, Mo., who is telling Grace (Wonsetler) Rude, Great Bend, about the ups and downs of the real estate business since leaving K. S. A. C.

In the '86 group we find Louis Paul Brous, teacher of mechanical drawing and manual training, Kansas City, and John U. Higinbotham, who is running a weekly newspaper in Saratoga, Calif., followed by Harbord, Robertson, Fairchild, and others of the Aggie hall of fame. Seventeen members of the class of '86 are among the Homecomers.

Edgar A. Allen, superintendent of Chippewa Indian agency, Cass Lake, Minn., and Charles A. Murphy, undertaking and furniture business,

Nickerson, lead the 15 members of the class of '87.

Seventeen members of the class of '88 are represented by David G. Fairchild, department of agriculture, Washington, D. C., and Abby L. Marlatt, 612 Howard Place, Madison, Wis.

The '89s, a group of 21, are led by three Methodist ministers, David E. Bundy, Oketo, Joseph W. Bayles, Howard, and Eli M. Paddleford, Randolph.

The class of '90, 23 strong, is following John W. Ijams, farmer near Grantville, and Silas C. Mason, Indio, Calif., who are talking over with the remainder of the class their class reunion next commencement.

All of the 41 members of the class of '91 seem interested in the discussion between Senator W. S. Arbuthnot, Bennington, and John O. Morse, representative from Mound City. Perhaps they are discussing the need for continuing the building program at K. S. A. C.

In the class of '92 group there are 27 members. Representing them are May Secrest, a sustaining member in the K. S. A. C. Alumni association (one who has given \$100 or more to the alumni loan fund), coming from the faculty at Berkeley, Calif., and Fred C. Sears from the Massachusetts Agricultural college, Amherst.

In the '93 group we find Prof. Albert Dickens, now building up his health at Albuquerque, N. M., and Mary (Gardner) Obrecht, Route 28, Topeka. Thirty-three of this class should be back.

The '94s, of whom there are 29, are represented by Wesley O. Staver, Pilot Rock, Ore., and Jennie (Smith) Strong, teacher of senior mathematics in high school, 815 Peach street, Vineland, N. J.

Of the class of '95 there are 51. George C. Wheeler, editor of Western Farm Life, 2718 Java Court, Denver, Col., is discussing their coming class reunion with Dr. Burt Conrad, veterinarian, Sabetha.

May (Bowen) Schoonover, 624 Third street, Marietta, Ohio, and Frank E. Uhl, Farmington, N. M., represent the class of '96, which has 53 of its original group.

The class of '97 has 49 members. Winifred (Houghton) Buck, 322 Greenwood avenue, Topeka, and Wilhelmina Spohr, professor of household arts, Columbia university, 525 W. 120th street, New York City, are among those present.

The 59 in the class of '98 are probably listening to Cora (Thackrey) Harris, Route 1, Manhattan, and Lucy (Cottrell) Pottorf, Riley, saying that there are enough Aggie grads in either the Thackrey or Cottrell families to hold an alumni meeting whenever they choose.

In the '99 group we find Christian D. Lechner, Salina, and Dr. A. T. Kinsley, 616 E. Fifty-ninth street, Kansas City, Mo. Of this class 46 are hoping for an Aggie victory.

There are 50 grads in the class of '00. Daisy (Hoffman) Johtz, Abilene, and Walter F. Lawry, engineer for the International Nickel company, Smooth Rock Falls, Ont., and classmates are due back for their reunion next commencement.

Of the '01s, 52 should see "Bo" McMillin's Wildcats in action. Charles A. Scott, nurseryman, Prairie Gardens company, McPherson, will possibly enthuse over the autumnal beauty of K. S. A. C. and vicinity to Fred F. Fockele, Ottawa.

Leslie A. Fitz, in charge of grain futures administration, U. S. D. A., Chicago, and president of the Chicago Alumni association, and Pontus H. Ross, director of the agricultural extension service, Tucson, Ariz., represent the 45 Aggies of the class of '02.

A group of 48 follow the colors of the class of '03. Howard M. Chandler, with Petree & Door Engineers, Inc., 67 Wall street, New York City, and Leon W. White, associate professor of civil engineering, K. S. A. C., possibly are discussing the growth of the engineering division since the '03s left K. S. A. C.

The class of '04 has 99, some of whom have never had the pleasure of seeing a game in Memorial stadium. Major Louis B. Bender, Signal Corps, U. S. A., Fort Monmouth, Oceanport, N. J., is possibly discussing regretfully with Major Glen E. Edgerton, United States Military Academy, West Point, that neither

YOUR LINK WITH K. S. A. C.

This issue of THE KANSAS INDUSTRIALIST is sent to non-members of the K. S. A. C. Alumni association by the Homecoming committee of the Manhattan Diamond Jubilee. Every issue is sent to members of the K. S. A. C. Alumni association.

The alumni news story on this page contains the names of many prominent K. S. A. C. alumni. Each alumnus name from the class of '76 to '29, inclusive, is a paid-up member of the K. S. A. C. Alumni association, and of course, there are other members in each class whose names are not mentioned.

If you want to be a member, kindly fill in the blank below and send in your membership. Your alumni association gives you the opportunity to keep in constant touch with K. S. A. C.

I, of the.....Class of K. S. A. C. do hereby apply for membership in the K. S. A. C. Alumni Association. In consideration I enclose check or money order for \$3.00.

Signed

Send INDUSTRIALIST to (town) (state)

..... (street)

was able to get back for their twenty-fifth class reunion last commencement.

In the '05 group we find George W. Gasser, in charge of Fairbanks Agricultural Experiment station, Fairbanks, Alaska, and Inez (Wheeler) Westgate, wife of John M. Westgate, '97, who is in charge of the United States Experiment station, Honolulu, Hawaii. The '05s number an even 100.

There are 86 in the class of '06. In this group we have Thomas O. Wood, cashier of the Keats bank, and Ernest Wright of Concordia.

Walter B. Gernert is located at Port au Prince, Haiti, and will probably have to come by airplane. Harry A. Ireland is County agent at Montrose, Col. These men represent the 109 that make up the class of '07.

A group of 112 are left of the class of '08. Carroll Walker, a former Aggie football star, is now a lawyer at Frankfort, and Bruce Wilson is a successful farmer near Keats.

Of the '09s, 134 are present. Frances L. Brown is home demonstration leader at Tucson, Ariz., and Frederick H. Mayer is a designing engineer in Los Angeles, Calif.

In the '10 group William F. Turner is a breeder of Jersey cattle at Belton, Mo., and Edwin E. Truskett is a citrus fruit grower at Mount Dora, Fla. These two represent the 139 who will celebrate their twentieth anniversary in 1930.

There are 189 of the class of '11. Martin Dupray is director of the Dupray laboratory at Hutchinson, and

Frederick D. Elliott is an architect at 216 Financial Center building, San Francisco, Calif.

In the class of '12 two members are at the extremes, that is, as to climate. Lee H. Gould at Los Mochis, Sinaloa, Mexico, and Albert F. Yeager, horticulturist at North Fargo, N. D. There are 215 in this class widely scattered but loyal.

Harry L. Kent honors the class of '13 as president of the New Mexico College of Agriculture and Mechanic Arts. His son Harry L., jr., is a graduate student at K. S. A. C. this year. In the adjoining state of Texas we have Elbridge G. Sanders as fuel supervisor of the Atchison, Topeka, and Santa Fe railroad at Amarillo. These two members represent the 220 of '13.

In the group of '14s, Blanche (Burt) Yeator as homemaker at Shallow Water, and Elsie (Ester) Siegle as home economics teacher in the Telluride, Col., high school. This class numbers 268 and they have a lot of class spirit.

Charles W. Shaver of Salina is known for his architectural work. Edward Q. Perry is connected with a motor company at Plainview, Tex. Both represent the class of '15 with 216 members.

There are 325 in the class of '16. In this class we have Albert E. Hylton, salesman of Ediphone equipment, at 572 Glenwood, Kansas City, Mo., and Clytie Ross, home demonstration agent at Searcy, Ark.

The class of '17 has 194 members. Vilona Cutler is general secretary of Y. M. C. A. at Miami, Fla., and is

PROGRESS OF KANSAS PRESS

F. E. C.

Harold E. Peterson and Stella Mae Peterson, who published the Wathena Times for four years, prior to July 1, have purchased the Galena Daily Times and the Galena Republican, a weekly, from Arthur S. McNay and took possession of both properties October 1.

Not often are evangelists accorded the thorough job of reporting for local newspapers that Drew McLaughlin of the Miami Republican has given the Roses who spent some time at Paola. By devoting about two columns a week to the meetings of the Roses, the Republican helped the evangelists to accomplish their "better citizenship" program.

We understand that Hays is to have a daily newspaper after November 1. Hays is a town of 5,000 population which has been served for several years by one weekly paper. Frank Motz, editor, has published a newspaper the city was proud of and now that the town has grown to a place where it can support a daily, Motz is launching the six-issues-a-week enterprise. He will continue the weekly.

This column would like to borrow a progress item from a weekly news-

paper published at Mena, Ark.—the Mena Weekly Star. A friend handed us the Star with the suggestion that its country correspondence items were worth considering. They certainly are, there being in this particular issue 13 columns of country items representing exactly 40 communities. Don't miss a chance to study this Mena newspaper. V. W. St. John is its editor.

Now it seems to be Clay county which is getting "dairy minded," and Editor L. F. Valentine of the Times, or someone of his staff, proves he knows what all this dairy business is about, anyway. A news story concerning a dairy tour ended with this: "One of these cows was a grade and her record was 522 pounds of butterfat. This shows that good grade cows properly bred and fed are money makers. In contrast to this herd of Mr. Roenigk's we had 'Diana,' a Holstein cow belonging to another member of the association. 'Diana' produced 144 pounds of butterfat in the same length of time. It would take 32 'Dianas' to make as much profit as Mr. Roenigk's eight cows. Needless to say 'Diana' went to the packers. Dairy Herd Improvement association work helps you to know your cows."

RECENT HAPPENINGS ON THE HILL

Try-outs for the men's and women's rifle teams are now being held under direction of Captain Maurice Rose of the military department.

Engraving contract for the 1930 Royal Purple, college year book, has been let to the Mid-Continent Engraving company of Wichita, according to John Coleman, business manager.

Prof. J. P. Calderwood of K. S. A. C. recently was elected vice-chairman for Kansas of the American association of Mechanical Engineers. The state is a part of the mid-continent division.

An exhibit concerning possible uses of electricity on the farm was displayed at the state fairs at Topeka and Hutchinson recently. It was in charge of Prof. C. A. Logan, of the department of agricultural engineering.

also an endowment member of the K. S. A. C. Alumni association. Luster R. Brooks is with the United States Geographical survey at Washington, D. C.

In the group of '18s, Katrina Kimport is an instructor of mathematics at Glendale, Ariz., and Ira L. Plank is vocational agriculture teacher at Winfield. There are 212 of the '18s.

Alta Hepler of Manhattan is superintendent of schools in Riley county. Vera (Samuel) McPherson lives at 4220 Harrison street, Kansas City, Mo. These represent the class of '19 of which there are 166.

J. Wheeler Barger is professor of economics at the A. & M. college, College Station, Tex., and Charles B. Downer is with the Westinghouse Electrical Manufacturing company, Pittsburgh, Pa. These two men belong to the group of 258 men and women that make up the class of '20.

Of the '21s there are 244 living members. Blanche Lea is teaching English in the high school at Greensburg, and Jessie (Evans) Brown is teaching at Papaalooa, Hawaii.

There are 269 of the class of '22. George H. Bush is located at 3530 South Anthony, Ft. Wayne, Ind., and Jeremiah T. Quinn is with the department of horticulture, college of agriculture, University of Missouri.

In the group of '23s, Hazel (Gardner) Williams lives at 5656 Race avenue, Chicago, Ill., and Charles R. Smith at 422 Ash, Ames, Iowa. There are 338 in this class.

There are 341 in the class of '24 and they all enjoy good football. A. P. (Red) Atkins is ranching at Guyman, Okla., and Penelope Burtis is located at 500 Riverside Drive, New York City.

In the class of '25, Ruth E. Welton is in the dietary department of the Bell Memorial hospital at Kansas City, Kan., and Floyd E. Hull is at 139 State street, Lexington, Ky. In this class there are 334.

The class of '26 has 338. John F. Allen is with the Kansas Construction company at Irwin, Mo. John W. Ballard is with the state highway commission at Manhattan.

Rushton G. Cortelyou is with the Maas Brothers at Tampa, Fla. Alice E. Miller is enjoying her work at the Presbyterian hospital, San Juan, Porto Rico. She is to return soon and take up work toward a master's degree. These two are among the 353 members of the class of '27.

There are 428 in the class of '28. Ruth (Bainer) Johnson is living at 1447 Dean street, Schenectady, N. Y. Harvey J. Stewart is farming near Americus.

Joseph M. Anderson is salesman for the Star Engraving company at Salina. Elizabeth Fairbanks is teaching in the high school at Enterprise. The 466 of '29 will, if possible, be back for Homecoming.

The return of all our alumni for the Homecoming game is of course visionary and impossible. But it is not a mirage entirely for many will be back and there will be plenty of thrills, with the band playing, and 3,000 students cheering on this fine October afternoon when the Wildcats meet the Sooners.

AGGIES FINISH WELL BUT LOSE 26 TO 14

AERIAL PLAY OF PURDUE AND WILDCATS THRILL CROWD

Brilliant Offense and Ragged Defense
Characterize Both Teams—Ray Mc-
Millin Shows Well at
Quarterback

"Bo" McMillin's 1929 crop of Kansas Aggies opened the season last Saturday by taking the short end of a 26 to 14 score in a clash with the Purdue Boilermakers at Lafayette, Ind. Although the Aggies were outplayed during the greater part of the game they were not outhearted, using the last two minutes of play to stage a rousing offensive that swept the ball down the field 80 yards to a touchdown.

Gridgraph reports of the game, brought to Manhattan through the service of Sigma Delta Chi, national professional journalistic fraternity, again and again thrilled the large crowd jammed into the Miller theater in Aggieville. The field generals of both the teams seemed to have become thoroughly air-minded. There was at least one pass in every series of downs except during the two line-smashing marches the Boilermakers staged, and nobody could tell just when a pass was going to transport the pigskin to a one-yard line.

WELCH ON SIDELINES

Coach Phelan of Purdue kept the famous "Pest" Welch, the most feared halfback in the Big Ten conference, entirely out of the game. Harneson, Welch's running mate, proved so powerful against the K-Aggies, and the Boilermakers piled up such a lead in the first half that the Purdue mentor decided to withhold the performances of his great star from the eager eyes of scouts from Michigan, next on the schedule of the Indiana school.

The game proved to be quite enlightening to the Aggie coaches. It enabled them to see what their sophomore material would do under fire. It also demonstrated what the line, about which there had been much concern, is likely to do and what it can do. Outstanding among the Aggies was Ray McMillin, quarterback, who showed himself able to gain consistently on the ground and through the air against a really powerful team.

NIGRO IN LONG RUN

Wiggins at fullback also proved to be a promising line-plunger and Nigro came through with a 60-yard advance that made possible the final touchdown. Freeman, Yeager, and Meyers did well in the line.

On the whole the Aggies showed themselves to be equipped with a brilliant, powerful offensive that as yet lacks consistency. During the first half their defense looked bad, but it picked up considerably during the second session. Two weeks of hard work and the game with Texas A. & M. this Saturday should put them in good shape for the Big Six opener with Kansas university at Lawrence on October 19.

KANSAS DAIRY PRODUCTS TEAM READY FOR ACTION

Lynn, Magaw, and Sloan Named by
Coach Martin

The Kansas State Agricultural college will be represented in the annual dairy products judging event at the national dairy show in St. Louis by William J. Lynn, Centralia; L. M. Magaw, Concordia; and L. M. Sloan, Leavenworth. Prof. W. H. Martin is coach of the team.

Students from many states will participate in the contest October 15 and will be banqueted by the American Dairy Science association the following day when results will be announced. Last year the Kansas trio placed fourth among 15 teams. The team was composed of T. W. Kirton, Roy Mannen, and T. R. Freeman.

K. U. Game Tickets on Sale

Three thousand tickets for the Kansas Aggie-Kansas university football game at Lawrence, October 19, are now on sale at the college athletic office, according to Frank Myers, manager of ticket sales. College alumni desiring seats in the Aggie section may make reservations by mail or in person.

FOOTBALL SCHEDULE 1929 VARSITY

Oct. 5—Purdue U. 26, Aggies 14.
Oct. 12—Texas A. & M. at Dallas
Oct. 19—Kansas U. at Lawrence
Oct. 26—Oklahoma U. at Manhattan.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

EXTENSION WORKERS' MEETING, OCT. 21-26

Nearly 150 Representatives of Division
Plan to Attend Annual Six
Day Conference

The annual conference of Kansas agricultural, home economics, and 4-H club extension workers will be held at the Kansas State Agricultural college, October 21-26.

County agents from 72 counties, home demonstration agents from 30 counties, 4-H club agents from four counties, 26 specialists, and 10 administrative officers will attend the conference.

"The two principal subjects for discussion this year are the use of local leaders in carrying out county programs and the relationship of the state government, national government, and the local people in conducting the extension program," Prof. A. L. Clapp, chairman of the program committee, said.

AGGIE HOMECOMING FOES HAVE POWERFUL ELEVEN

Churchill, Oklahoma End, One of
Country's Best

Oklahoma university's football team, Kansas Aggie opponents in the homecoming game, is potentially one of the two strongest elevens in the Big Six conference this year. The Sooners had 21 lettermen back this fall including Tom Churchill, all conference end, and prominent in the all-American selections last year. Churchill was tried at a backfield position earlier this season but was soon sent back to play end. He was injured in a recent practice but should be in shape for the Aggie game.

"Bus" Haskins and others of the Sooner backfield which made things hard for the Aggies last year are back again and the team has one of the most powerful offensive backfields in the conference.

With Coach McMillin's Wildcats possessing one of the strongest scoring machines in the conference this fall, the homecoming game should be highly interesting to the spectators. Several high state and federal officials are expected to attend the game, which comes at the close of Manhattan's Diamond Jubilee celebration.

'BLACK SHIRT' CLUB FORMED BY 45 NON-FRATERNITY MEN

Group Plans Social, Political, and Ath-
letic Activities

A "black shirt" club has been formed at the Kansas State Agricultural college, but it has nothing to do with Mussolini of Italy, according to Alton (Tex) Ryon of Chillicothe, Tex., temporary head of the club.

The "Black Shirts" are non-fraternity men who have decided to band together for social and athletic purposes. They plan to enter teams in all intramural sports and take an active part in all student elections.

Members of the club will attend football games as a group and wear distinguishing black shirts. Forty-five men are members at present.

They're K-Aggies Now

A new, or rather renewed, expression is being used in the sports pages concerning the Kansas Aggie football team this fall. They are being called the K-Aggies. The term first made its appearance several years ago. It was then spelled "Kaggies" and students at the college objected to its use. This fall the spelling was changed slightly so as to alter the pronunciation to "Kay-Aggies." The term was thought to be more convenient for the use of sports writers than "Kansas Aggies," and is said to be more distinctive than simply the term "Aggies," which might be applied to any one of several colleges.

EAST KANSAS WHEAT HAD POOR SEED BED

FAULTY PLOWING CAUSED CLOD- DY SURFACE

Farmers Should Study Methods Prac-
ticed Where Tillage Has Become
an Art—Not "More Wheat" but
"Higher Yields"

Many eastern Kansas farmers who make a practice of growing a small acreage of wheat each year should learn a few lessons in seed bed preparation from their western Kansas neighbors who have become specialists in their line. That is agreed to by agronomists of the Kansas State Agricultural college after a 4,000 mile trip throughout the state last August.

One result of the eastern Kansas farmers' faulty seed bed preparation was observed in the September weather report, Dr. M. C. Sewell, associate professor of agronomy at the college, declared. This report stated dry weather had delayed wheat seeding in the eastern third of the state. Another result will be observed next harvest—in low yields of poorly prepared fields.

IT'S SOUND ECONOMICS

"With the present agitation on the part of the federal farm board, it does not seem opportune to discuss increased production," Doctor Sewell explained. "On the other hand, it is always sound economics to increase the yield per acre."

"Experiments at Manhattan, confirmed by similar experiments in the western part of the state, long ago demonstrated that acre yields were increased 8 to 10 bushels and the protein content of wheat increased 1.5 to 2 per cent, by early summer plowing in preparing land for fall planted wheat. This information has been carried to the farmers of the wheat belt proper in Kansas and their modern power equipment has enabled them to put into practice the tillage methods that result in higher acre yields. These methods are simple and require only good management."

"They involve early summer plowing, working down the soil immediately behind the plow, cultivating the plowed ground as necessary to kill weeds, and compacting the seed bed with corrugated roller or sub-surface packer before seeding time."

PLOWING DELAYED TOO LONG

Eastern Kansas had plenty of moisture last spring, according to the agronomist. There was moisture in the soil after wheat harvest, sufficient for good plowing were it done in July. The plowed soil would have worked down nicely, were it disked behind the plow. A few exceptional fields throughout the eastern part of the state showed that this was possible.

But in approximately 90 per cent of the fields observed, plowing was delayed until August and the soil was left to dry out as deeply as it had been plowed. By August 20, walking over one of these fields was like walking across a field of rocks. "Under such conditions," Doctor Sewell points out, "it takes much more cultivation to prepare this land for seeding than if it were cultivated behind the plow. Furthermore, a firm compact seed bed cannot be prepared. In addition, the nitrogen needed for high yield and quality of grain cannot be liberated from the organic matter of the soil where the land is plowed late and allowed to dry out to the plow sole."

MAKE IT PAY A PROFIT

"Wheat may not be listed among the most profitable crops for eastern Kansas, yet it has its place in the rotation preceding the planting of alfalfa or other legumes and providing straw for barns and feed lots. It can be grown with more profit if more attention is given to the preparation of the seed bed."

Scholar Heads Testing Group

Prof. C. H. Scholer has recently been appointed as chairman of the committee for permeability tests of concrete, sponsored by the American society for testing materials. Professor Scholer has done extensive research work on cement testing and is recognized as an authority in the uses of concrete.

Select seed corn in the field.

'Hoxie' and 'Bo-Peep'



Miss Bo-Peep McMillin, 6, daughter of the Kansas Aggie coach, shakes hands with Captain A. H. (Hoxie) Freeman as she makes her first visit to the practice field. Bo-Peep wore a purple and a white ribbon for the occasion. She recently came to Manhattan from Fort Worth, Tex., to be with her father.

MANY FORMER AGGIES PLAN EARLY RETURN

(Concluded from page 1)

Council Grove, Cuba, Minneapolis, Randolph, Silver Lake, Wamego, Waverly, White City, Manhattan, and the Second and Thirteenth cavalry from Fort Riley. The 600 bandsmen assembled will be massed as one band after the contest, and will be directed in numbers by Lyle Downey, of the college, and R. H. Brown, of Manhattan.

Active college participation in the jubilee, other than in the military parade and band contest, will start with the Homecoming pep meeting and torchlight parade Friday night. Weather permitting, the pep meeting to be held in the stadium, and a giant bonfire will be prepared for it.

For college Homecomers a reception will be held in Recreation center immediately after the pep meeting, and a mixer also will be held at 10 o'clock Saturday morning. Former Aggie "K" men will be honored at an alumni luncheon Saturday noon.

Oklahoma game tickets may be reserved by writing to the alumni office. Orders also will be honored when sent to the athletic office, but the seats thus obtained will not be in the alumni section, and probably will not be as desirable as the alumni seats.

Graduate Club Party

Forty-three members of the K. S. A. C., graduate club discarded their bookwormish front Friday night. A hike had been scheduled but on account of rain a party in Calvin hall served as a substitute. The following officers were elected: R. E. Hodson, president; Austin Goth, vice president; Iva Larson, secretary; Florence Harris, refreshments; Myra Potter, entertainment; and George Gauthan, treasurer.

In 'Hall of Fame'

Helen Sloan of Hutchinson, junior in industrial journalism, was one of those appearing in the collegiate hall of fame in a recent issue of the College Humor magazine.

Big Six Scores

Kansas Aggies 14, Purdue 26.
Nebraska U. 0, Southern Methodist U. 0.
Kansas U. 0, Illinois U. 25.
GAMES SATURDAY
Oklahoma U. vs. Creighton at Norman.
Kansas U. vs. K. S. T. C. (Emporia) at Lawrence.
Nebraska U. vs. Syracuse at Syracuse.
Missouri U. vs. Iowa State at Ames.
Kansas Aggies vs. Texas Aggies at Dallas.

FORMER TEAM MATES NOW COACHING RIVALS

TEXAS AND KANSAS AGGIE COACHES ONCE CENTRE STARS

Rain Doesn't Stop Wildcat Workouts—
Team Leaves for Dallas Thursday
Afternoon—Will Play at
State Fair

Two former team mates will meet as rival coaches Saturday when the Texas Aggies and the Kansas Aggies play football as the opening attraction of the state fair of Texas, at Dallas. Coach Madison Bell of the Texans and Coach A. N. McMillin of the Kansas were in basketball, football, baseball, and track together at the North Side high school, Fort Worth, Tex., and were football and basketball stars at Centre college, Danville, Ky., on the famous "Praying Colonel" teams.

An all day rain failed to stop the Wildcat football practice Tuesday. For a time the varsity worked under the east wing of the stadium, but when the rain lifted for a while moved to the practice field, where they shoved a charging sled about through the mud.

WORK ON FUNDAMENTALS

Monday's practice was devoted almost entirely to fundamentals—charging for the line, forward pass offense and defense for the backs, and tackling for the entire team. Toward the end of the period the squad moved into the stadium, where perspiring halfbacks chased nimble freshman pass receivers until everyone was willing to call it a day.

The Aggies will run signals in their bright purple game togs Thursday morning, and then take the train for Dallas that afternoon.

All the varsity men came through the Purdue game without injuries but with a resolve to do to the Texans all the things that should have been done to Purdue.

Ray McMillin was the "fair haired hero" in the Aggie backfield at Lafayette, though George Wiggins, Alex Nigro, and H. R. (Doc) Weller likewise distinguished themselves. Young McMillin was the third quarterback sent into the lineup. He went in with the score 20 to 0 against the Aggies and finished with it 26 to 14, giving the street corner coaches a chance to speculate on "what might have happened if—"

NOT POINTING FOR TEXANS

Not too much pointing is being done for the Texans. Kansas university follows the next week end, with Oklahoma and Homecoming only a little later, and both games are more important from a local standpoint than the Texas fracas, large as it may loom from the inter-sectional view. Coach McMillin is especially interested, however, since he is returning to his home state to play the team of a life long friend.

Jim Yeager, guard; Captain A. H. Freeman, and Al (Barrel) Meyers, center, were outstanding in the Aggie line against Purdue, and are expected to start at Dallas. Most of the other linemen had their good and bad moments in about equal quantities, and stand an even chance of getting the starting assignment.

Once before McMillin's team, then Centenary, met Bell's, the latter being Texas Christian U. coach. McMillin's men won, 21 to 0.

W. H. SIKES VISITS COLLEGE— WORKED ON ANDERSON HALL

Graduate of '79 was Assigned by Presi-
dent Anderson

W. H. Sikes of Leonardville, '79, was visiting a few of his old friends on the campus last Wednesday. He is a retired business man and is now lecturing to high schools of the state.

Sikes enrolled in '74 and received his assignment from John A. Anderson, who was president of the college. Doctor Anderson's office was then located in what is now the college hospital. It was Sikes' survey-class that staked out the north wing of Anderson hall, and during its construction he helped with the carpentry work. A few weeks before graduation time in '79 the building was completed and the students moved into the new building from the class rooms in the old barn which is now used as a machinery storehouse by the agricultural engineering department.

A few drops of castor oil judiciously used will prove a good dressing for rubber belts.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, October 16, 1929

Number 5

VARSITY WORKS HARD FOR KANSAS U. GAME

CAMPUS CHEERFUL AND ENTHUSIASTIC—TEAM DETERMINED

Most of Men Who Played Against Jayhawk Last Year Back for Game Saturday—Starting Lineup Hard to Pick

Very much in earnest, very much determined, the Kansas Aggie football squad has been working in secret each night this week in Memorial stadium for their game with Kansas university at Lawrence Saturday.

On the campus the usual colorful sputter of pre-game activities has been going on. Raiding parties from the university painted the sidewalks and steps around Nichols gymnasium and in front of the engineering building with brilliant red K. U's. Parties from the college painted statuary at the university purple and white.

Three university students caught campus-bound with paint buckets suffered clipped heads at the hands of embryo Aggie barbers. A Manhattan airplane dropped "Beat K. U." handbills during the university game with the Kansas Teachers of Emporia last Saturday.

CAMPUS IS GUARDED

The "Wampus Cats," men's pep organization, have organized guards from the various fraternities houses to watch the campus, the stadium, and the cement K on Mount Prospect, each night. Freshmen women are wearing purple and white sailor hats, and freshman men the usual small topped, big beaked headgear. An impromptu pep meeting can be organized on almost any street corner at almost any hour.

All this on the campus. With the football team it's different.

There was no gay humor about the way varsity men were tackling each other in practice Monday night. Roommates were shoving each other about with all the gusto of bitter enemies. Foozled plays which have heretofore brought only a cheerful "don't mind it" are now the occasion of glances of deep disgust. Suppose he should do that Saturday?

With all the determination, team spirit is at its highest point. "We think we're a better team than either of our scores has shown this season, and we know it's up to us to prove it," remarked one member of the varsity. "Whenever things start coming our way it's going to be hard on the team we're playing that day, and from then on. It's no fun playing on a losing football team and it's no fun to lose for a coach that you like and respect."

VARSITY LINEUP SHIFTS

Varsity men were shifted about in scrimmage the fore part of the week so much that small opportunity was given for guesses as to who will be in the starting lineup at Lawrence Saturday.

Most of the varsity men who played against K. U. a year ago are back this fall for another day and another game. In the backfield are Nigro, Evans, Platt, Meissinger, and Weller, with Barre of last year's backs playing center.

At ends Towler and Daniels are the veterans, with Captain A. H. Freeman as the only tackle from a year ago. Tackwell, Yeager, McBurney, Errington, and Bauman are the guard veterans, with Sanders back at center.

McMillin himself probably will not know what men he will start against K. U. until the time of the game. Last week against Texas he sent Laurence Norton, who had been on the reserves all week, to start at center, and put James Yeager, a regular guard, in as an end.

Scrimmage between two varsity lines, and lighter workouts of the entire team against the freshmen, using K. U. plays, was the lot of the varsity Monday.

Hard scrimmage will be distinctly limited all week, as Coaches McMil-

lin, Maddox, and Root do not want to get first string men onto the injury list before the game.

A guess at the starting lineup for Saturday is as follows:

K. U.	Pos.	K. S. A. C.
Paden.....	LT.....	Daniels
Schoplin.....	LT.....	Freeman
Atkeson.....	LG.....	Bauman
F. Bausch.....	C.....	Norton
Rost.....	RG.....	Tackwell or Yeager
Foy.....	RT.....	Cronkite
Smay.....	RE.....	Towler
Fisher.....	QB.....	Evans or McMillin
Lyman.....	LH.....	Nigro
Cox.....	RH.....	Fisher
J. Bausch.....	FB.....	Wiggins

Officials—Referee, L. E. Edmonds; Umpire, F. E. Denny; Head Linesman, Dwight Ream; Field Judge, Dr. J. A. Reilly.

MANHATTAN THEATER PRESENTS FIRST PLAY

"The Queen's Husband," Given Last Friday and Saturday Nights—Winfield Walker Has Lead

The first play of the Manhattan Theater's 1929-30 season, "The Queen's Husband," was given last Friday and Saturday night. Prof. H. M. Heberer directed the production. Winfield Walker, known for his work in "Is Zat So," and other theater productions, carried the part of the queen's husband, Eric VIII, and Mary Jo Wise played the part of the queen.

The ju leads were played by VerLee He and Fred Seaton, as the Princess and Frederick Granton, respectively. Devore Smiley was General Northrup, and Alden Krider, Lord Birten. James Pratt was cast in the role of Phipps, the checker-shark valet.

Other members of the cast were as follows: Merton Mathews, H. D. Smiley, J. J. Jewett, L. R. Schruben, R. L. Edwards, R. W. Fleck, Dale Halbert, Josephine Young, and Johnnie Moore.

"Young Woodley," the second play of the Manhattan Theater season, will be given in the auditorium November 15 and 16.

ICE CREAM MAKERS TO COMBINE MEETINGS HERE

Manufacturers' Association and Annual College Conference Will Be Here December 12 and 13

A joint program of the Kansas Association of Ice Cream Manufacturers and the tenth annual ice cream makers' conference, sponsored by the dairy department of the college, will take the place of the annual program for ice cream makers which heretofore has been held in the early spring, Prof. W. H. Martin has announced. Dates for the joint meeting will be December 12 and 13 with special entertainment and registration Wednesday evening, December 11.

The annual ice cream scoring will be continued this year. Any manufacturer of ice cream in Kansas or elsewhere may send a two gallon sample of regular run vanilla ice cream. The sample will be analyzed for fat, total solids, bacteria count, flavor, body, texture, and color. No numerical score will be placed on the samples.

Special entertainment is being planned for women who come for the meeting. Professor Martin assures. There will be a bridge tea, a theater party, a dance, visits about the college, and golf for those who play it.

Anyone who wishes more information about the convention should address inquiries to B. T. Perkins, secretary, Kansas Association of Ice Cream Manufacturers, Pittsburg, or W. H. Martin, dairy department, K. S. A. C., Manhattan.

Backing Football Team

Alex F. Rehberg, '25, 8829 Fort Hamilton parkway, Brooklyn, N. Y., writes: "I am very much interested in the football team and notice that they have the hardest schedule ever undertaken. I wish them more luck than they had at Purdue October 5, but I think they made a credible showing if Purdue can still play as they did at Boston against Harvard.

EXTENSION WORKERS TALK SHOP NEXT WEEK

MORE THAN 150 TO BE HERE FOR CONFERENCE

President Farrell Will Give Opening Address Monday—Last Program Saturday Deals With Getting Information to Public

The annual conference of Kansas extension workers will convene next Monday morning on the campus of the Kansas State Agricultural college. One hundred and fifty-five workers, among whom are county agents, home demonstration agents, county 4-H club agents, and state extension workers, will gather to learn of the newest ideas in extension methods and to plan their work for the coming year.

On Monday morning, President F. D. Farrell will address the conference. He will be followed by Dr. W. E. Grimes, head of the agricultural economics department of the college, who will discuss "The Federal Farm Board."

HOME AGENTS MEET DAILY

During the late forenoon, committees will meet to revise plans of the various lines of extension work. Following lunch, the agricultural specialists will give outlines of their projects from the state wide standpoint.

Visiting home demonstration agents will meet each morning of the week from 10 to 12 o'clock to discuss problems of home economics extension. They will be assisted by Miss Grace Frysinger, Washington, D. C., field agent for the central states.

One of the high lights of the conference will be a discussion of national and state relationships and administration. G. E. Farrell, Washington, D. C., in charge of central states, will discuss this subject from the national standpoint and Dean H. Umberger will discuss it from the state standpoint.

HOW TO REACH PEOPLE

M. C. Wilson, Washington, D. C., in charge of extension studies, who has conducted surveys in Kansas and 14 other states, will give a series of talks dealing with problems extension workers have to face in reaching the large number of people in their counties. His discussions will be of particular interest because they will be based on information which he has secured from Kansas farmers and the farmers from other states where conditions are similar to Kansas.

The week's program will close Saturday morning with a discussion of the best methods of getting information to the public. Speakers on this program are Miss Nell Snead, women's page editor of the Kansas City Star, and W. K. Charles, radio program director for Swift and company, Chicago.

Pan-Hellenic Elects

The men's freshman pan-hellenic organization held its first meeting of the year October 10 at the Acacia house. Edward Criner, Wichita, Alpha Tau Omega, was elected president; Robert Rychel, Downs, Phi Kappa Tau, vice-president; Urban Lodge, Wellington, Delta Sigma Phi, treasurer; James Johnson, Solomon, Sigma Alpha Epsilon, secretary; and Walter Gwinn, Falls City, Neb., Sigma Phi Epsilon, marshal.

Big Six Scores

Nebraska 13, Syracuse 6.
Missouri 19, Iowa State 0.
Kansas U. 38, K. S. T. C. of Emporia 0.
Kansas Aggies 0, Texas Aggies 19.
Oklahoma 26, Creighton 0.

GAMES THIS WEEK

Kansas Aggies vs. Kansas U. at Lawrence.
Missouri vs. Drake at Columbia.
Nebraska vs. Pittsburgh at Lincoln.
Oklahoma vs. Texas U. at Dallas.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. at Lawrence
Oct. 26—Oklahoma U. at Manhattan.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

SWINE MEN'S PROGRAM SCHEDULED FOR FRIDAY

Inspection of College Animals and Discussion of Feeding Problems
Principal Events

Friday is to be Hog Raisers' day so far as the division of agriculture of the college is concerned and several hundred swine breeders and feeders are expected to attend this third annual fall event. The program calls for inspection of the swine herd of the college in the forenoon.

Visitors will see the breeding herd, the fat barrows of the show herd, and the hogs used in experiments. The fat barrows are soon to be shown at the American Royal Livestock show at Kansas City and at the International Livestock show, Chicago.

The afternoon program, scheduled to begin in the livestock pavilion at 1 o'clock, has been announced as follows by Prof. C. E. Aubel, swine husbandman of K. S. A. C.:

L. E. Call, dean of agriculture and director of the agricultural experiment station, presiding.

"The Kansas Pork Production Contest," C. G. Elling, extension livestock specialist, K. S. A. C.

"How I won the Kansas Pork Production Contest for 1928-29," Wm. C. Mueller, Hanover, Kan.

"Trends in Hog Prices and the Present Outlook," W. E. Grimes, professor of agricultural economics, K. S. A. C.

"Barley as a Hog Feed," M. A. Alexander, animal husbandry department, K. S. A. C.

"Report on Hog Feeding Experiments Conducted at K. S. A. C. the Past Year: (1) Slop versus Dry Feed; (2) Corn Gluten Meal as a Protein Supplement for Corn—(a) Fed in a dry lot; (b) Fed on pasture," C. E. Aubel, swine husbandman, K. S. A. C.

"Question Box," C. W. McCampbell, professor of animal husbandry, K. S. A. C.

FARM SHOP PROBLEMS MAKE UP NEW BULLETIN

E. C. Graham and C. K. Shedd See Real Need of Good Tools On Every Farm

"The Farm Shop" is the title of a new engineering experiment station bulletin published by the college. E. C. Graham, associate professor of shop practice, and C. K. Shedd, assistant professor of rural engineering, are the authors.

"It is difficult to make an estimate in dollars of the benefits derived from reasonable attention to shop work," a part of the introduction reads.

"The writers believe, however, that it is conservative to estimate that the possible saving in expense for repairs and replacement on buildings and machinery, and the saving of time and crops ordinarily lost due to machinery in bad order, will amount to at least \$100 per year for the average farm or \$16,500,000 per year for the state of Kansas. Most farms are under-equipped for shop work; that is, a larger investment in shop and tools and more careful attention to shop work would be highly profitable.

"As an indication of the increased need for a farm shop in recent years, we may assume that with any increase in the use of agricultural power in either horse drawn or motor operated equipment there is a corresponding increase in the need for care and repair of this equipment. The number of tractors used in Kansas has increased from 5,400 in 1918 to over 50,000 in 1928. The number of harvester threshers or combines has increased from 14 in 1918 to 20,000 in 1928."

The old farm with old methods was once good enough but today the same farm must use new methods to meet competition. This means up-to-date machinery and equipment.

SEWELL MAKES TESTS WITH FIXED NITROGEN

SEEKS ITS VALUE IN WHEAT PRODUCTION

An Important Study Because Western Kansas Soils Have Lost 27 to 40 Per Cent of Their Original Nitrogen

Can nitrogen be applied to Kansas soils in the form of commercial fertilizers in such a way as to benefit the wheat crop? This is the question that Dr. M. C. Sewell of the agronomy department of the Kansas State Agricultural college and the American Cyanamid company are trying to solve. The state extension division and county farm bureaus of 34 counties are cooperating in this work.

NITROGEN HELPS YIELD

Doctor Sewell proved at Manhattan that increased yield and improved quality are associated with an increase of available nitrogen. "Western Kansas soils have lost from 27 to 40 per cent of this nitrogen since the virgin sod has been broken," he says. "We are interested in finding a method of returning at least a part of this nitrogen in such a way that it will benefit the wheat crop."

This fall Doctor Sewell in company with L. E. Willoughby and A. L. Clapp, extension agronomists, visited 34 counties and in cooperation with the local county agricultural agent laid out and applied fertilizer to 97 different test plots. These plots were placed on all of the principal types of Kansas soils and on practically every kind of seed bed preparation.

TEST IN SPRING, TOO

Another visit will be made to these tests next spring when applications will be made to other plots in the series to determine the value of spring as well as fall application. The yields of wheat will be determined on these plots at next harvest time.

The fertilizer used is a combination of nitrogen and calcium in which the nitrogen is air nitrogen fixed with calcium. When this fertilizer is applied to the soil, it combines with the soil water, breaking down into urea and later into ammonia, thus becoming available to the plant slowly. "The limited rainfall of the wheat belt makes it necessary," says Doctor Sewell, "that we apply nitrogen in such a form that it will become available slowly in order to prevent excessive vegetative growth."

KIRTON SAYS 'BUSINESS GOOD'— WILL RETURN FOR HOMECOMING

Asks for Football Stickers to Advertise Aggies

T. W. Kirton, '29, manager, Shadow Lawn farm, Clay Center, writes: "I have been reading THE INDUSTRIALIST with much interest and appreciation and can join the ranks of others who give witness as to the great good the alumni association is to our alma mater.

"Business has been very good since graduation and I have been on the go most of the time. As we are specializing in the best of imported cattle my work takes me over many states.

"I want to start my life membership fee now at \$5 a month and I hope to pay it out before my first year is up. When I signed up it was stated that payment would start on July 1, 1930, but I want to change the date.

"Also I would like two football tickets for the Homecoming game. Do you have any football stickers for cars? The colors seem to be scarce up here."

Washburn Dean Speaks

Dr. William Irwin, dean of Washburn college, addressed the student forum here, Wednesday, October 9. "Lawlessness; Official and Otherwise," was his topic.

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R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor

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WEDNESDAY, OCTOBER 16, 1929

WHY ARCHEOLOGISTS?

In this age of electricity, television, airplanes, and radio, there are not wanting those who deem it sheer waste of money to send archeologists to the far corners of the world to dig out relics of a past that is irretrievably dead.

To such as these it doubtless seems foolish extravagance for the government of Italy, a country that is by no means wealthy, to spend large sums ever year in efforts to recover mementoes of the day when Rome was mistress of the world.

But it so happens that a few days ago, a brief dispatch in the New York Herald-Tribune told of a find in Sicily that is of more than passing interest to everyone who possesses a trace of imaginative faculty.

The dispatch dealt with the finding, by an Italian party, of the site of the ancient city of Acirillae, where a great wall was uncovered, and where an ancient temple was found in a remarkable state of preservation. Close by the temple was a large excavation filled with weapons of all descriptions and the age of the ruins indicated that these weapons, in all probability, had been cast into the trench as votive offerings, by troops returning from assisting the victorious defense of Syracuse against the Athenian invasion of B. C. 415-412.

The scientists report finding various articles of feminine decoration. The flappers of those days were clearly more interested in pretty earrings and bracelets than they were in Pericles or Socrates. Some of the articles of adornment were of exquisite workmanship, it is reported, indicating that then, as now, the wiles of beauty were effective in obtaining the best the world afforded in the way of jewels.

The work of exploration at Acirillae has just begun. Perhaps in a few weeks there will be brought to light some fragment of a letter that will reveal, 2,400 years too late to do him any harm, that some grave and mighty official of that ally of Syracuse lived a life that was no better than it should have been and that occasionally he sought entertainment beyond the precincts of his own home.

Say what we will, the human race remains incurably curious as to its own past history, and the world will never grow so matter-of-fact as to refuse funds to those who desire to go in search of what the past may hide.

POPCORN BACK AGAIN

Popcorn has come back to New York. Not the sort one buys ready made from the Coney island machine, but the kind one makes for one's self at home.

Those with a taste for the home made variety recall the time when a city wide search for popcorn unpopped proved vain. That was only a few years ago. But now the shelves of almost any chain grocery contain the raw material. This one time product of the home gardener only has found its way to the factory and come out of it again sealed in cartons and cans.

Those who demand it just as it comes from the field find it not only at the stalls of Washington market, where almost anything edible may

be found, but also on the neighborhood vegetable stands.

And at one of these, at least, it has been discovered that city popcorn fanciers can be most exacting. They have found, it is said, that there is such a thing as popcorn that doesn't pop, and either by study or experience they have learned to recognize and call by name the kind they are convinced will turn out 100 per cent good results, and in spite of all argument they will have no other.

The arrival of popcorn in the New York home appears closely related with the general return of the hearth. By way of making the most of the open fireplace the old fashioned wire netting basket on a stick, the once familiar popper, has reappeared. Popping corn is a leading fireside diversion, but it is not a diversion exclusively of the fireside. For homes without fireplaces there are electrically operated machines. These prove a popular toy in the living room. Plugged in, the bottom covered with kernels, the handle turned briskly for a moment, it turns out a brimming bowl of popcorn.

—New York Times.

TEACH THEM TO THINK

The purpose of higher education is to unsettle the minds of young men, to widen their horizon, to inflame their intellects. And by this series of mixed metaphors, I mean to assert that education is not to teach men facts, theories, or laws. It is not to reform them, or to amuse them, or to make them expert technicians in any field. It is to teach them to think, to think straight, if possible; but to think always for themselves.

—Robert Maynard Hutchins.

FIGURES CONTRADICT FORD

Henry Ford's generalizations concerning the imminent return of women to their kingdom of the broom and the duster because of their failure to succeed in industry, in the current issue of the Pictorial Review, breaks down before the cold statistics of the United States bureau of the census.

These show that, except in southern states, women employed in non-agricultural occupations during the last 50 years have steadily increased in a greater ratio than men.

Furthermore, the most striking rise in women's employment has occurred in Ford's own particular industry. Their number has increased 1,408 per cent—from 848 in 1910 to 12,788 in 1920, the date of the last census—while the increase for men is given as 435.4 per cent.

In non-agricultural pursuits, from 1870 to 1920, the number of women over 16 years of age employed was almost doubled—11.8 per cent to 21.3 per cent—while the ratio for men was only increased by half, 43.5 per cent to 63.7 per cent. —Ruth Howe in New York World.

AS IT IS IN ENGLAND

What is economy? True economy is spending recklessly on things that matter, such as clean linen, good roses, fine books, to share with your friends who come to visit you. It is having an open hand for the mother whose baby's needs are greater than her husband's wages, or for the old man or woman whose pension even when supplemented by the sacrificial offerings of a willing family does not run to Ovaltine or rubber hot bottles. Economy is rejoicing in the number of things you can afford to do without, such as dinner parties, ices, cigarettes, the very best kind of dress. It is no good having fine clothes that will outlast their mode; the country demands plain, durable clothing.

You can spend less in the country on things that townspeople think they must have because of the contagion of spending, but you will find that the country sets a higher scale for other kinds of expenditure. The chief economic difference between life in town and in country is that you get better value in the country for your spending. Take men and women whose income runs from, say, \$2,000 to \$4,000, they can have country sweetness, flowers, the songs of birds and pure food, and by out-learning some of the heated desires of town life, they will have enough in hand to go to town for its real pleasures. How dead must be the human being who is insensitive to the tingling joy of mixing in a city

crowd, of sharing a laugh with thousands of other people, of singing in the Albert hall when it is full.

You cannot get that thrill in the country. You cannot feel your soul rising in unison up and up and finally dropping in exquisite pearls of sound at the sweep of a great fiddler's bow. Through ecstatic moments he has drawn you to that last searching note and the music quivers with you trembling in mid air before you share one last deep breath and all of the hearers break into applause. The remembrance of the village fiddler's squeaking torment then makes you laugh until you cry.

For dignified, wholesome, clean home life with such natural pursuits as gardening, botanising, or the hun-

of Wanette, Okla., died of typhoid fever following an illness of 10 days.

M. A. Carleton, '87, was assistant in the division of vegetable physiology and pathology for the United States department of agriculture.

FORTY YEARS AGO

J. Grant, f. s. in 1887, was in business with his father at Ellinwood.

C. E. Friend, '88, took charge of Logan and Friend's lumber yard at Ontario, Kan.

G. F. Guy, 1882-1883, was candidate on the Democratic ticket for clerk of Riley county.

W. R. Browning, '89, was on a Union Pacific railway surveying

Imagination and Industry

Owen D. Young

I should like to draw attention to two periods which have much in common, and which, to my mind, are the most productive of any in our history. They are three hundred years apart, the one from 1575 to 1650, and the other from 1875 to 1950; the latter, fortunately, with 22 years yet to go.

There seems to be periods when the imagination of men flowers in production. It appears to be stimulated by a demand for new things. Curiously enough, it has a relation to business and to profits. It matters not whether one speaks of Sir Walter Raleigh or Sir Francis Drake or William Shakespeare or Thomas A. Edison. The imagination is harnessed to a very prosaic need, and that, to my mind, is the distinctive characteristic of the periods of which I speak. Perhaps it is not so far away from the subject assigned to me, which is the contribution of research to industry. My point is that the human intellect functions best when it is hitched more or less closely to practical service, and conversely very ordinary jobs, such as navigation and the production of goods, take on a new aspect when there is cast over them the glow of the highest qualities of the human mind.

The intellectual activity of the schoolmen in the middle ages was an interesting pastime, but it could scarcely have brought a greater thrill or more satisfaction than the solution of a crossword puzzle does today. So, too, the navigation of a slave ship was a very different thing from that of the little fleet which carried Columbus westward or Sir Francis Drake on his momentous voyage or Commander Byrd on his present adventure.

The combination of the imaginative qualities of the human intellect with the matter-of-fact production of goods or performance of service is an inspiration to both. This combination existed in the time of Elizabeth, just as it does today. It may account in some measure for the great things which happened then, just as I believe it accounts for the things which happen now.

dred other practical or studious interests, the country is the normal place for normal folk. But it is lived in today at a high cost. The town has allurements and conveniences that are ungettable elsewhere. Why otherwise should people make cities? Where a few are gathered together there is common security of things to eat, heat, light, and wear, to hear and to see. But the price of town life is that your aims and ideas become standardized, as also do your dress, your food, and your friendships. The country is more individual; therefore, for me, the country has it! —An anonymous contributor to the Countryman.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Mary Kirkpatrick, '19, was taking student dietitian work in Lakeside hospital, Cleveland, Ohio.

Elmer W. Wilson, '16, and Paul K. Baker, '17, were in partnership in a general merchandise business at Turner.

Lieutenant Zara H. McConnell, '15, received his discharge from the army at Camp Grant and was at his home in Goff.

TWENTY YEARS AGO

Prof. W. A. McKeever went to Oswego to address the city schools.

John U. Higinbotham, '86, was treasurer of the National Biscuit company of Chicago.

Raymond W. Brink, '08, was elected teacher of mathematics in the state preparatory school of the university of Idaho.

THIRTY YEARS AGO

Mrs. Alice (Quintard) Peck, '95,

corps then at work at Bear River canon, Utah.

FIFTY YEARS AGO

Students enrolled included John C. Rust, George R. Herr, John E. Gish, Christian S. Kraybill, G. K. Estes, Erskin Blosser, E. V. Cripps, and Sarah Craig.

The following students received a grade of 95 or more: Frank L. Abbe, E. P. Coleman, J. T. Copley, A. Copley, Eva Couse, Ida Cranford, G. B. Gallagher, Lydia P. Gardiner, George Hopper, Mina Hosmer, Emma Hoyt, Warren Knaus, Emma Knostman, Dalinda Mason, Grace Parker, Noble Richardson, Belle Selby, and Maria E. Sickles.

All government,—indeed, every human benefit and enjoyment, every virtue and every prudent act,—is founded on compromise and barter. —Edmund Burke.

WHITE KNIGHT

Earl D. Todd in the Nation

He lived as one who heard strange music played,
Sonorous, resonant, yet far away,
And neither faltered nor was ever swayed
By any little clamor of the day.
And we were troubled when he walked too near;
We kept quite still, remembering the tale
Of one who being stainless knew no fear
Of evil things to bar him from the Grail.

We were of earth and took the earth's delight.
We ate and drank and sinned; we neither heard
God's hungry children calling through the night
Nor for the black sheep's victim had a word.
He lived a prayer, and we grew big with pride;
There was a world of weeping when he died.

SUNFLOWERS

H. W. D.

TWIN WORRIES

I am bored two ways. Life's little vexations keep up their irritating work with a persistence truly impish.

One of the things pestering me almost beyond endurance is the fact that the cap of my fountain pen will not stay on the other end when I am writing. Just about the time I get set to sign a check or something, that cap tumbles off and hops around on the floor like a delirious toad. Invariably it travels in some direction different from that of the first hop, and I can never spot it until I have worn out my knees and bruised my scalp on desk tops and chairs and filing cases and the other impedimenta of business offices.

It seems that the numberless geniuses who have so many times at last solved the problem of smooth, even ink-flow and perfect adjustment to the writing hand could devise some sort of disappearing thread on the barrel end of the pen that would enable me firmly to affix the cap when it is not capping. I can't slip it in my pocket without forgetting which pocket and if I lay it on the pile of papers on the right it is sure to disappear among them or fall to the floor and start tumbling around with the results aforementioned.

This idea, such as it is, is offered to Conklin, Duofold, Waterman et al without strings. If they can take it and make a million dollars from it, they're welcome. I won't miss the million if I can have a pen cap that will stick around when it is loafing, and not go gallivanting about the office finally to hide itself under the sectional book case over in the corner.

Caps for fountain pens have never been taught any manners. They seem to think that any time is a good time for levity. I am sure they belong to the younger generation.

The other thing bothering me is the contemporary school of semi-fictional biography—particularly the tone of anecdotal material included and the intimate and shocking details in which I am supposed to be interested.

In my earlier years I got what I now am forced to suppose was a strictly mid-Victorian angle on the careers of such people as Helen of Troy, Guinevere, Catherine the Great, Queen Elizabeth, Louis the Sixteenth, Henry the Eighth, and others. Although I was discreetly allowed to infer that they were not all they might have been as models of propriety and morality by which the young could pattern their lives, I was for the most part instructed in the major accomplishments for which they were personally responsible or which were attendant upon their reigns or careers.

In those days the building up or tearing down of an empire was supposed to outrank a rumor—even a damning series of corroborative rumors—of minor or major departures from the straight and narrow, as it has sometimes been called. (I refer to the days of my earlier learning.) But the present vogue seems to place research in the field of flirtation and clandestine amour first.

Somehow or other I cannot grow enthusiastic about the new biography. If I crave the kind of stuff featured therein I can easily go get it first hand from certain of my acquaintances who are specialists in passing smut around. It will be strictly up to the last week or so, too, and will concern people who can actually be hurt by its being circulated.

I have always felt that malicious gossip should be kept contemporary. It loses its edge when employed against folks a long time dead.

Now blessings light on him that first invented this same sleep! It covers a man all over, thoughts and all, like a cloak; it is meat for the hungry, drink for the thirsty, heat for the cold, and cold for the hot. It is the current coin that purchases all the pleasures of the world cheap, and the balance that sets the king and the shepherd, the fool and the wise man, even. —Cervantes.

AMONG THE ALUMNI

John W. Truax, '29, is located at Hope.

Rose Baker, '17, is a teacher in Drexel institute, Philadelphia, Pa.

Lillian Lee Reynolds, f. s., is employed at the Halstead hospital, Halstead.

Edna Wilkin, '20, of Nacogdoches, Tex., spent the summer touring in Europe.

Leila B. Colwell, '26, is dietitian at Nathan Littaner hospital, Gloversville, N. Y.

Dewey Bennett, '24, is teaching science work in the junior college at Garden City.

Paul A. Shepherd, '26, is now with the Wagner Electric corporation, Buffalo, N. Y.

Fred P. Eshbaugh, '26, is teaching in the Panhandle A. & M. college, Goodwell, Okla.

Olive Legerstrom, '19, is now on the faculty at Illinois Wesleyan, Bloomington, Ill.

Mary Hope Morris, '24 and '29, is instructor in biology at the Hutchinson junior college.

Margaret Brenner, '29, Waterville, is foods instructor at Stephens college Columbia, Mo.

Jay C. Marshall, '29, is employed by the Procter and Gamble company at Cincinnati, Ohio.

Carol Stratton, '29, Manhattan, is teaching history and mathematics in the high school at Talmage.

J. Wheeler Barger, '22 and '23, is professor of economics at the A. & M. college, College Station, Texas.

Beverly Platt, f. s., is spending her vacation in Colorado with her brother, Robert Platt, '10, of Hoopup, Col.

Myron W. Reed, '27, and Carolyn (Vance) Reed, '28, are now in Greeley, Col., where Mr. Reed is taking work at the Colorado State Teachers' college.

Ruth Frost, '29, Blue Rapids, is teaching physical education and sciences in the junior high school at Parsons.

Walter M. Crossen, '29, Turner, is employed in the standards department of Swift & Company at St. Joseph, Mo.

Charles Stants, f. s., operates a machine shop and auto garage in Blackwell, Okla., and Lucy (Platt) Stants, '12, takes care of the office.

Francis L. Smith, M. S., '29, is now in Sacaton, Ariz., where he holds a position as junior agronomist with the United States department of agriculture.

H. G. Rothmeyer, '26, Pittsburgh, Pa., visited K. S. A. C. September 25. Mr. Rothmeyer says that the Westinghouse Aggies enjoyed a picnic September 7.

Frances M. Backstrom, '28 and '29, is instructor in the clothing and textiles department of the Utah State Agricultural college, Logan. She says she is enjoying her work very much.

After spending the summer traveling in the United States and Canada, Eloise Monroe, '24, has returned to her work of teaching home economics in the high school at Superior, Ariz.

Alfred D. Edgar, '25, has resigned his position as assistant professor of agricultural engineering at the University of Idaho to accept the position of extension agricultural engineer with the Michigan State college.

T. J. Charles, Jr., '29, has accepted a position as public relations agent with the National Association of Farm Equipment Manufacturers. He is now located in Chicago where his duties are that of an agricultural writer.

Karl Knaus, '14 and '28, has been appointed assistant county agent leader on the staff of Purdue university, Lafayette, Ind. Since he left Kansas six years ago Mr. Knaus has been engaged in county agent work in Menominee, Mich.

C. W. Schemm, '25, has been transferred from the industrial engineering department of the General Electric company, Schenectady, N. Y., to the engineering department of the company's St. Louis, Mo., office, effective September 16.

R. E. Jansen, '24, and Mildred (Moore) Jansen, '25, who are now

located at Carthage, Mo., write that the arrival of their son, Robert Lawrence, on January 2, indicates the prospect for another loyal Aggie. Mr. Jansen is manager of the Carthage Foundry and Machine works.

These Aggies are employed by the Commonwealth Edison company, engineering department, Chicago, Ill.: Kennis Evans, '28, H. G. Schultz, '19, R. K. Elliott, '22, and M. C. Watkins, '22, in the division of underground distribution. D. K. Nelson, '28, and N. G. Artman, '29, are employed as student engineers.

MARRIAGES

CARVER—LUTZ

Lillian Carver, '27, and Dayton Lutz, f. s., were united in marriage at the home of the bride's parents in Chanute on August 11. Mr. Lutz is a registered pharmacist and is employed at the Litel drug store in Frankfort.

ROPER—HALL

Announcement has been made of the marriage of Mayetta Roper, '24, to Frank Hall, of Concordia, which took place at Concordia on July 11. Mr. and Mrs. Hall are making their home in Concordia, where Mr. Hall is employed on the staff of the Concordia Blade-Empire.

YOWELL—PERRILL

The marriage of Eleanor Yowell, graduate of Bethany college of Lindsborg, and R. Harlan Perrill, '26, took place July 3 at the home of the bride in Bridgeport. Mr. and Mrs. Perrill are at home at Attica where Mr. Perrill is teaching in the schools.

UGLOW—ENGWALL

Mr. and Mrs. W. T. Uglov, Concordia, announce the marriage of their daughter, Nina, '24, to Andrew F. Engwall of Courtland. Their home will be in Courtland where Mr. Engwall is associated with the Morris Motor company. Mrs. Engwall has taught in the Courtland high school for the last five years and will continue her work in the high school for the next term.

BIRTHS

George W. Given, '25, and Mrs. Given, of Manhattan, announce the birth May 20 of their daughter, Barbara Jean.

A son, Gale Sumner, was born to Eber V. Roush, '26, and Dorothy (Sanders) Roush, '26, of Larned, on September 20.

William Grosser and Virginia (Deal) Grosser, '25, of Salina, announce the birth of their son, William Grosser III.

Ralph R. St. John, '17 and '24, and Enid (Beeler) St. John, '18, who live at Lafayette, Ind., announce the birth May 29 of a daughter.

John Costello, f. s., and Claribel (Grover) Costello, '27, announce the birth September 18 of a son. The Costellos live at Junction City.

Samuel D. Capper, '21, and Mae (Price) Capper, f. s., of Manhattan, announce the birth of a son on June 8. He has been named Martin Price.

Loyal F. Payne, M. S., '25, and Mary (Cobb) Payne, Oklahoma A. & M. college, '13, announce the birth May 27 of their daughter, Edith Irene. Mr. and Mrs. Payne live in Manhattan.

Charles Dean, '29, and Gladys (Tracy) Dean, f. s., announce the birth of their son, Charles, Jr., on June 1 at Manhattan. Mr. Dean now is employed by the Capper Publications, New York City, N. Y.

Frank H. Collins, '20, and Ruth (Love) Collins, of Sioux City, Iowa, announce the birth of twins, a boy, Milton Eugene, and a girl, Margaret Ruth, on July 2. Mr. Collins was formerly in the department of chemistry at K. S. A. C.

DEATHS

WILSON

Anna Z. Wilson, '28, was fatally injured in an automobile accident near Harper Saturday, October 5, and died in a Harper hospital Sunday noon. Miss Wilson's home was in Council Grove.

I, of the.....Class of K. S. A. C. do hereby apply for membership in the K. S. A. C. Alumni Association. In consideration I enclose check or money order for \$3.00.

Signed

Send INDUSTRIALIST to (town) (state)

..... (street)

OUR OWN FOLKS

Manie H. Meyer, '28, of Chicago, sends in the following account of the K. S. A. C. alumni who attended the Anti-Aircraft Training camp at Camp Knox, Ky.:

"About 200 reserve officers from the fifth, sixth, and seventh corps areas, attended a two weeks training camp, July 28 to August 10 at Camp Knox, Ky. Among these commissioned officers were 30 Kansas Aggie men, who make up a part of the command personnel of anti-aircraft regiments. These Kansas Aggie alumni, who were commissioned after completing their R. O. T. C. work at K. S. A. C., have continued their practical military training by attending active duty summer training camps.

"There was some splendid new equipment at Camp Knox this summer, which included two of the latest type anti-aircraft guns. This new type of three-inch gun has proved to be far better than any anti-aircraft gun previously made. There are only four of these guns in existence at present and two of them were brought to Camp Knox to be used for target practice by reserve officers. Four giant searchlights illuminated the towed target for night firing practice after its position was found by the sound locators. A new Vickers instrument sighted on the target computed the firing data electrically and transmitted it to the guns.

"The K. S. A. C. alumni got together for a group picture in military uniform before leaving camp to go back to their duties of civil life. The following were at Camp Knox:

"First Lieutenants: L. W. Byers, '22, Wichita; E. E. Howard, '25, Kansas City, Mo.; R. C. Plyley, '24, Topeka; G. H. Reazin, '22, Chicago; H. W. Retter, '24, Manhattan; L. E. Rossel, '22, St. Louis, Mo.; S. L. Smith, '26, Mount Hope; C. M. Spencer, '24, Emporia; G. H. Weckel, '24, Wichita.

"Second Lieutenants: R. P. Aikman, '27, Kansas City, Mo.; K. O. Alberti, '27, Kansas City, Mo.; C. E. Bohnenblust, '27, Wichita; K. R. Bunker, '25, Kansas City, Mo.; C. A. Byers, f. s., Abilene; H. B. Carter, '27, Fort Wayne, Ind.; A. B. Cash, '26, Manhattan; Thayer Cleaver, '28, Urbana, Ill.; M. C. Coffman, '29, Schenectady, N. Y.; D. E. Deines, '27, Bazine; R. E. Dunnington, '28, Colfax, Ill.; D. W. Enoch, '27, Kansas City, Mo.; W. B. Floyd, '29, Kansas City, Mo.; W. N. Hornish, f. s.; M. H. Meyer, '28, Chicago; A. H. Pfeiffer, f. s.; B. Pratt, f. s.; L. H. Schutte, f. s.; L. W. Servis, '26, Marysville; L. S. Van Scoyoc, '26, Corona, N. M.; F. B. Volkel, '27, Wichita."

ON CRICKETS

Webster defines the tree cricket, with well-concealed irritation, as "Any of several nearly white arboreal American crickets belonging to the genus *Accanthus*," and then, looking significantly over his spectacles, adds, "noted for their loud stridulation." Aside from the admirable restraint, he might have done better. He might, for example, have fallen into pure vituperation, or he might have said something about their exasperating invisibility. One can, if worked up to the proper pitch, pull on some slippers and go outside after a yelping dog, or a cat, and I knew a man once who went out with a flashlight and a club to quiet some frogs, grown restive in the night; but under no circumstances can one ever discover a cricket singing. The noise is painfully audible, but the source is ever invisible. —Reed Johnston in the New Yorker.

RECENT HAPPENINGS ON THE HILL

Dean Mary P. Van Zile went to Topeka Saturday to attend a committee meeting of the Kansas State Teachers' association. Dean Van Zile is chairman of the committee.

The Cosmopolitan club will hold open house October 17. The club consists of American and foreign students and its purpose is to promote fellowship and understanding among the students of all nations.

Dr. J. C. Peterson attended the meeting of the International Congress of Psychology at Yale university, during the first week of September. This is the first time the congress has met in the United States.

A suffragette varsity will be held October 18 at the Wareham ballroom. The girls will buy the tickets, get their dates, call for them, trade dances, do the cutting and to make the evening complete buy the food and taxis for the night.

Delegates from K. S. A. C. to the meeting of the Kansas Library association meeting to be held in Kansas City, October 16, 17, and 18, are Miss Grace Derby, Miss Elizabeth Davis, Miss Mary Hoff, Mrs. Jessie Gulick and Miss Mildred Camp. Miss Davis is treasurer of the association.

Contracts for the varsity dances were let at the student council meeting Wednesday night to Everett Sandel, manager of Harrison hall, and Blake Wareham, manager of the Wareham ballroom. The contracts provide for dances every Friday and Saturday night at a charge of not more than \$1.25.

Prof. R. G. Kloeffer and Prof. J. L. Brenneman have written a textbook on direct current machines which is being used this year in the electrical engineering department. Professor Kloeffer, who is head of the department, has a leave of absence this year and is studying at the Massachusetts Institute of Technology.

Prof. C. H. Scholer, head of the department of applied mechanics, was one of the six engineers named on a special committee on rail steel appointed by the highway research board of the National Research council. Each man represents an engineering school and will guide research work in his institution for the government.

The Black Shirts, organization of non-fraternity men, held election of officers October 9. A. F. Ryon, Chillicothe, Tex., was elected president; F. F. Schmidt, Junction City, vice-president; Don Purcell, Wichita, secretary; and John Lyon, treasurer. The organization will meet regularly, hereafter, in Recreation center Wednesday evenings, at 7 o'clock.

Mr. and Mrs. Arthur Peine of Manhattan, Dr. Martha M. Kramer, Dr. and Mrs. D. C. Warren, and Dr. and Mrs. J. E. Ackert of the college faculty have booked passage on the Canadian Pacific steamship, "Duchess" for this summer. The party will attend the World Poultry congress to be held at the Crystal palace, London, next summer from July 22 to 30.

The Purple Pepsters, women's pep organization, elected 10 new members last week. They are Estelle Shenkel, Geneseo; Josephine Young, Junction City; Jane Sparr, Ellsworth; Mildred Kingsbury, Herington; Zada McCutcheon, Kingman; Frances Jones, Kansas City; Barbara Jean Pollock, Topeka; and Alice Irwin, Charlotte Remick, and Vivian Nickels, all of Manhattan.

Captains and solicitors for the Y. W. C. A. finance drive which began October 14 were entertained Monday night at a dinner at the college cafeteria. The speakers were Miss Grace Derby, Mrs. F. F. Frazier, and Miss Nellie Darrah. Margaret Darden presided. The finance captains are: Gladys Schmedemann, Dorine Porter, Dorothy Obrecht, Florence James, Freda Sloop, Fern Maxi, Mary Ellen Schafer, Nellie Pretz, and Ruth Graham. Miss Jessie McDowell Machir is faculty advisor.

KANSAS AGGIES LOSE TEXAS GAME 19 TO 0

'BREAKS' AGAINST WILDCATS, SAYS
LESLIE EDMONDS, REFEREE

Long Run and Penalty Give Lone Star
State Men Early Touchdown—Heat
Helped Cause Last Period
Collapse

After three quarters of trying to make up for a "first two minute" Texas Aggie touchdown, the Kansas Aggie football team fell before a renewed Texas attack in the last quarter and lost their intersectional game last Saturday 19 to 0.

"Led by a scampering halfback, Nigro, who broke loose for many long runs around the wings and off tackle, Coach "Bo" McMillin's purple-clad Kansans clearly outplayed the Bell men for the first three periods," said the Associated Press report of the game. "Time and again the northern eleven penetrated deep into its opponent's territory, but each time the Texans braced and held firm. The final period saw the Kansans so worn that they fell easy prey to a furious assault launched by the Texans."

The following excerpts are taken from notes of the game written by Leslie Edmonds, referee, and published in the Topeka Daily Capital:

Every time the Kansas Aggies got going there was a break—against them. That's the main story of the Texas Aggie 19 to 0 triumph over the invaders from the north. Sometimes all the breaks go against one team—or seem to—and that's just about what happened to "Bo" McMillin's K-Aggie entry Saturday. It was a warm day in the Southland, probably just enough hotter than normal to the Kansans to account for that last quarter collapse. There wasn't much of a crowd, the fanfare of pre-game publicity considered. There was an overtone of emotion in the meeting between McMillin and his former teammate and great good friend, Madison Bell, Texas Aggie coach, that set this intersectional contest apart from the ordinary meeting.

It was an early break that put Kansas in the hole, forced Kansas to spend itself in vain effort to even the score out of a hole so deep that Kansas could never quite struggle to the top. Texas won the toss and chose the wind, Kansas elected to kick. On the kick-off Floyd, Texas Aggie half, returned 15 to 20 yards and with tacklers converging on him from everywhere shot a backward pass to Captain Mills trailing some 3 or 4 yards. The timing was perfect, the strategy unexpected; Mills went on farther than midfield. Almost before Kansas had recovered a forward pass gained more ground for Texas. This was the first ominous portent of a game-long Aggie weakness on passes, especially the long variety.

Then on the first play after the pass, a line plunge was stopped but Captain Freeman, Kansas, had violated the rule of striking with the hands on the defense. It was a new regulation this year and as interpreted in the Big Six would not have been a foul since it was part of his charge. The umpire from the Southwest conference called it as he saw it and if there is a fault it lies in failure to discuss such a possibility before the game. The result is undoubted. The ball was placed on the Kansas 1-yard line, the 15-yard penalty being too long for full assessment with the ball in the position it was. Texas crashed through, Dansby carrying the ball.

From then on until the fateful fourth the K-Aggies piled up yardage, added to a first-down total but always something happened to force surrender of the ball. Then would come another of a long succession of enviable Texas kicks and the Kansas team had it all to do over again.

Nigro, K-Aggie half, had a great field day. Swartz, fullback, was a powerful defensive factor. Fairbank, end, was on the bottom of many a pile even when things seemed all to go wrong in the final period. In general, however the K-Aggie ends could not cope successfully with Texas thrusts, the K-Aggie secondary defense disintegrated too often when passed against.

Don't underrate the K-Aggie team too much because of this loss. Texas

has a corking eleven especially when Captain Mills is in the line-up. After he left the game in the first half, the Texas offense was largely impotent but on his return in the fourth chukker it was something else again. He celebrated his report to the referee with a handsome gain and he kept on gaining, one off-tackle-and-cut-back dash for the goal line a marvel of open field running.

The K-Aggie backfield is strong; would be great but for lamentable lapses on passes. The K-Aggie line is in the process of formation with valiant efforts at replacement of Lyon and Pearson. In general, the K-Aggie play is of the order to outlaw surprise if any team in the Big Six falls victim. Settled down to its own territory the Manhattan eleven may very well be any opponent's poison.

RAILROADS OFFER LOW FARE TO LAWRENCE FOR K. U. FRAY

Band, Pep Clubs, and Team to Go On
Special

Railroad rates of \$2.50 for the round trip to Lawrence and return will be in force for the Kansas Aggie special train Saturday, according to M. H. Ahearn, director of athletics. A regular Saturday excursion is being offered by both railroads.

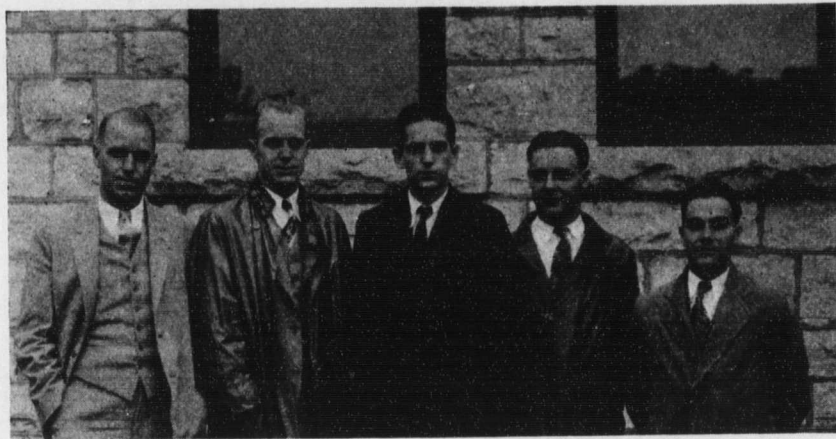
The college band of 100 pieces, the "Wampus Cats" and "Purple Pepsters" will accompany the varsity football squad on the special, which also will be occupied by all students and faculty members who do not plan to drive.

FOOTBALL SIDELIGHTS

Robert Sanders, center, detrained in a hurry at Lafayette and left his shoes on the Pullman.

Elden Auker, another sophomore end, wonders how the janitor keeps the Kansas City union station so clean. Auker's excitement at mak-

The Winning K. S. A. C. Dairy Team



Here are members of the K. S. A. C. dairy animal judging team which won sweepstakes honors at the intercollegiate contest at the Waterloo (Iowa) Dairy Cattle congress recently. Left to right—Prof. Harry W. Cave, coach; Richard Stumbo, Bayard; Howard Bradley, Kidder, Mo.; John Wilson, Geneva; and Walter Powers, Netawaka. Besides winning the sweepstakes, the team was first on Jerseys and Guernseys, and ranked no lower than fourth on three other breeds. Stumbo, Bradley, and Wilson ranked first, third, and fifth, respectively, among all individuals. Powers was team alternate.

ing his first football trip was best shown by the fact that he used sugar in his soup instead of salt.

Fairbank excited the envy of the other athletes because of his dexterity at handling the yo-yo. As he remarked, "It's because of my suburb skill."

Paul Fairbank, sophomore end from Topeka, spent some time looking over the Kansas City union station while the team was waiting between trains on the Purdue trip. After surveying the great open spaces of the lobby and waiting room and noting the height of the ceiling, Pete ventured the following: "Gee, this place surely would hold a lot of hay."

Women Wear Caps

Purple and white caps are to be worn by all freshman women this year, it was decided at a meeting of freshman women October 11.

Grace Herr, '22, is home demonstration agent of Bourbon county, with headquarters at Fort Scott.

PROGRESS OF KANSAS PRESS

F. E. C.

The editor of the Russell Record has been printing a continued diary of J. H. Hill, giving a vivid story of pioneer days in western Kansas. If other editors can find diaries in their communities, the same will make excellent material for continued stories. Another good feature of the Record is an open forum column. Letters ranging from the hoseless fad to civic improvements and the national government are discussed. The letters help put spice into the Record editorial page.

Arch W. Jarrell is the author of an article appearing recently in Editor and Publisher in which the story of Oscar W. Stauffer's newspaper career is told. There is one paragraph of the story that is particularly poignant—one relating to Stauffer's cardinal recipe for making his newspapers pay:

"If a newspaper is to make money," he says, "it must spend money. It must pay for the kind of men and machinery that will do its work satisfactorily instead of only semi-efficiently. The publisher who is not willing to keep up with the times, to buy the best there is in presses, in typesetting machines, in the other machinery, will find himself lagging behind in the procession. By the same token, if he does not keep on the alert for men in his business who have the capacity and the ability to be just a little ahead of the general run all the time, he will lag behind."

If you want descriptive writing read what Willard Mayberry, of the Elkhart Tri-State News, says "yesterday" was like out there.

"Blistering sunshine, palpitant horizons, winds submerged in the somnambulant spell of early Indian summer. Such a day was yesterday in the southwest. Right on the heels of a period of unsettled weather with shifting winds whipping dust from freshly drilled wheat fields and preceding in all likelihood a sudden frost or fall rain, the day offered its own unique personality of the denizens of the southwest.

"Mirages, receding and vibrating, rode the prairie strangely intermingled with dust from countless wheat drills. The dust itself and smoke from obsolete steam tractors and stubble fires hung, bunched and wistful, with no breeze to disseminate it into the obscurity from which it

sprang. Newly sprouted wheat, astonished by the July weather, vaguely considered the chances of rushing through to a second harvest before the winter sets in and the seed beds themselves blinked in the garish sunlight awakened from dreams of hibernations. Purple haze filled the Cimarron valley and cattle in the sand pastures grazed restlessly, betokening new changes of weather."

Old fashioned advertising may stage a glorious comeback if the prophecy of the Anthony Republican comes true. Quoting Labet S. Clair, director of advertising, the American Electric Railway association, the Republican indorses the following principles:

Be sure you have a sound article to sell before you begin to advertise it. Know all about the article, be prepared to tell the truth about it and always tell it.

Start to write only when you have your story well in hand. Then tell it briefly, clearly and vividly. Use big ideas but small words and few of them. Tell your story so plainly that everyone can understand it.

Use good illustrations that are directly connected with your subject. Pictures are the only universal language in the world.

Be original, but not so original as to be confusing or to get away from your subject.

Use plain-faced type and as few different faces as possible. Let your type be dignified unless you are running a fire sale or wish to be known as a "fire sale" merchant.

Talk to your customer in print just as you would talk to him across a counter. Give him credit for having common sense. He probably has more than you realize.

Sell the advertiser self-interest. If you must brag about yourself, dictate boasts to your stenographer and read the copy to yourself. This is much cheaper than buying white space. Sales results also are just as satisfactory.

Devote most of your effort to selling quality and service. A customer who is sold on these two essentials is likely to subordinate price.

A pleasing departure from the pyramided advertising so universally used is being carried out by the Advocate-Democrat of Marysville. This excellent paper runs ads on either side of a page, with reading matter in the middle columns. The larger ads are usually placed in the lower right hand corner, and the next in size placed in the lower left hand corner. The page gives the appearance of careful arrangement and does away with the objection of "buried" ads.

MARRIAGES

HARTZELL—SHENK

Announcement has been made of the marriage of Ayleen M. Hartzell, f. s., Rossville, and John H. Shenk, '29, Manhattan, on June 27 at Rossville.

BRIDGES—CASSELL

The marriage of Lenna Bridges, f. s., of Lewis, and Lloyd Cassell, '28, of Long Island, took place August 1 at Larned. Mr. and Mrs. Cassell are at home in Culver, where Mr. Cassell is teaching school.

GEFFERT—HENSON

Mrs. H. W. Geffert announces the marriage of her daughter, Harriet, to Arnold B. Henson of Columbia, Mo., March 2, at Kirksville, Mo. Mrs. Henson was a member of the class of '27.

WATTERS—GRIFFITHS

Announcement has been made of the marriage of Nora Watters, '24, of Blue Rapids, and Elmer Griffiths, of Middlesex, N. Y. The wedding was at the home of the bride on September 15.

DRUECK—THAYER

Margaret S. Drueck and Donald C. Thayer, '20, were married October 5 at the home of the bride's parents in Chicago. Mr. and Mrs. Thayer will make their home in Chicago where Mr. Thayer is engaged in the real estate business.

HART—GOODFELLOW

The marriage of Velta Hart of Minneapolis, Kans., to Earl Goodfellow, '28, of Wells, took place June 19 at Minneapolis. Mr. and Mrs. Goodfellow will make their home at Ensign where Mr. Goodfellow is teaching.

WHITTAKER—ALT

The marriage of Marion Whittaker, A. B., Mount Holyoke college and M. S., Michigan university, and LeRoy Alt, '16 and '28, took place May 31 in Manhattan. Mr. and Mrs. Alt are making their home in Manhattan where Mr. Alt is teaching in the high school.

MANCHESTER—HIGBEE

The marriage of Lois Manchester, '28, to Howard W. Higbee, '28, took place June 16 at the home of the bride's parents in Paola. Mr. and Mrs. Higbee will make their home in Louisville, Ky., where Mr. Higbee has a position with the U. S. D. A. bureau of chemistry and soils.

RADER—BREES

Ruth Rader, Chicago, and Roy Breese, '21, Manhattan, were married June 15 in Chicago. Mr. Breese is at present employed by the American Telephone and Telegraph company in Chicago. Mr. and Mrs. Breese visited during July with Mr. Breese's parents in Manhattan.

BUSEY—SMITH

Announcement has been made of the marriage of Josephine Busey, of Bloomington, Ill., and Marion A. Smith, '22, of Champaign, Ill., which took place June 6 at Bloomington. Mr. and Mrs. Smith will live in Champaign, where Mr. Smith is doing research work at the University of Illinois.

Dr. Ching Sheng Lo, '23, is at the College of Agriculture, National Central university, Nanking, China.

CONOVER ANNOUNCES FALL LECTURE SERIES

DISCUSSIONS OF CONTEMPORARY
LETTERS ARE SCHEDULED

Eight Talks on English Department
Faculty Weekly Series Which Starts
Tuesday, October 22 and Ends
December 17.

A series of discussions of contemporary prose and poetry will be presented by eight members of the department of English, on Tuesday evenings, beginning October 22.

This is the ninth successive series offered by the department of English and has been arranged by Prof. R. W. Conover.

Students, faculty, and the general public are invited to these talks, which will be given in Recreation center at 7:30 o'clock at night.

The series is as follows:

October 22—Satire and Smartness (The Novel of H. H. Munro, "Saki") Mr. Conover.

October 29—Lands of the Lost and Unknown ("The Purple Land," and "Green Mansions," by W. H. Hudson) Mr. Rockey.

November 5—A Poet Who Penetrates Life (Edward Arlington Robinson) Mr. Davis, head of the English department.

November 12—Pictures Strange and Beautiful ("The Crock of Gold," and "In the Land of Youth," by James Stephens) Miss Sturmer.

November 19—A Poet of Magic and Fantasy (Walter De la Mare) Miss Rice.

December 3—Art and Conflicts ("All Quiet on the Western Front," Remarque; "A Farewell to Arms," Ernest Hemingway) Mr. Breeden.

December 10—Fashions in Morality ("They Stood to Folly," Ellen Glasgow) Mr. Faulkner.

December 17—Under the Dome and Elsewhere in the British Museum, Miss Bower.

COLLEGE NAMES POULTRY INSPECTORS AFTER EXAM

Twenty to Examine Flocks During
Hatching Season

Twenty poultrymen who attended the recent poultry inspectors' school at the college have been passed as official inspectors for the coming hatching season, according to Prof. L. F. Payne, head of the college poultry department. The 20 inspectors were chosen on a basis of a written examination, the placing of birds, and personality and adaptation for their work.

The inspectors are F. W. Caldwell, Garden City; W. J. Campbell, Cuba; F. W. Cram, Neodesha; F. L. Davis, Argonia; Frank J. Feight, Clyde; N. L. Harris, Neosho Falls; Floyd E. Heline, Lindsborg; Fenton Lovell, Morland; Guy Martin, Chapman; R. E. Mason, Ottawa; Geo. R. McMahon, Attica; R. W. Pritchard, Hiawatha; Homer E. Ramsour, Junction City; Wm. H. Scott, Abilene; L. B. Stants, Abilene; J. C. Taylor, Iola; Roy M. Taylor, Manchester; Ralph Upham, Junction City.

C. M. Hansen and Jule Deresseau, both of Clyde, were passed as reserve inspectors.

R. F. WHITE LIKES HIS JOB AS AG TEACHER IN TURKEY

Graduate Heads Department in International College

R. F. White, '21, is director of the department of agriculture, International college, Smyrna, Turkey. Mr. White, in a letter to President Farrell, says:

"One of the questions in the final examination in the course in agricultural relationships in the spring of '21 was: 'Where do you expect to be and what do you expect to be doing five years from now?' It has taken me more than five years to get here, but it is the sort of work to which I have looked forward for years."

"The Philosopher and the Lady," was the title of a song cycle presented by the faculty quartet in chapel Wednesday, October 9. The music department had charge of the program.

The present address of B. A. Kahn, '27, is 3044 N. Twenty-first street, Kansas City, Kan. Kahn writes that he spent four weeks of the summer at New York City, where the Southwestern Bell Telephone company sent him to attend one of the company's training schools.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, October 23, 1929

Number 6

FARRELL ADDRESSES EXTENSION WORKERS

SAYS FARMER MUST BE READY
FOR FEDERAL HELP

Must Participate in Activities Through
Which Aid Is to Come—College
Is Sympathetic Toward Sound
Cooperation

Stressing leadership, reports, and administration, the annual Kansas extension workers' conference which is to last all this week, opened at the college Monday. About 155 were present on the opening day to hear Dr. F. D. Farrell, college president, discuss "A New Epoch in American Agriculture."

Dr. W. E. Grimes, head of the college department of agricultural economics, addressed the extension visitors upon the subject, "The Federal Farm Board."

Yesterday was devoted to study of administration with G. E. Farrell, in charge of central states office extension work, U. S. D. A., as the principal speaker. Today and Thursday were to be devoted to discussions of reports and leadership.

FARMERS MUST BE PREPARED

Touching upon the farm marketing act passed last June 15, President Farrell declared the law will prove ineffective unless farmers who are chiefly responsible are willing and able to meet the conditions that of necessity will be imposed.

"The American farmer cannot reasonably hope to benefit from the operation of the act unless he prepares himself effectively to participate in the activities through which the benefits may come," the president declared. He considers the passage of the marketing act the most important single event of the present year so far as American agriculture is concerned. It culminated eight years of intense effort to provide a practicable method whereby the power of the federal government could be fully utilized in the interests of agricultural betterment.

The declared policy of congress "to promote the effective merchandising of agricultural commodities in interstate and foreign commerce" will have ushered in a new epoch in American agriculture, if this policy becomes and remains effective, President Farrell believes. If the intentions of the government as expressed in the act are placed into effect, American agriculture will be vastly improved and the general welfare of the country will be enormously benefited.

Quoting from a report of the land grant college committee, the K. S. A. C. president cited four principal obstacles to the growth of farmer cooperation. They are a lack of understanding of what is involved in cooperative organizations, a lack of willingness among the farmers to conform to the procedure necessary for success, obstructive practices of interests that are unfriendly to the development of cooperation, and difficulty of distributing to members and non-members alike the costs of cooperative enterprise in accordance with the benefits received. If cooperation is to grow to meet the needs of the farming business provision must be made to overcome these obstacles, he declared.

THE COLLEGE'S POLICY

Along with the United States department of agriculture, extension services, experiment stations, and other federal and state agencies, the land grant colleges have an exceedingly important task in helping farmers and farm organizations, according to the president. These agencies can do much to help meet the conditions that must be met if the marketing act is to be of substantial benefit.

"The policy of the college should be one of genuine sympathy towards sound cooperative activity," he advised the extension workers. "It should include helpful and patient study of the requirements for successful cooperation and continuous insistence upon the absolute neces-

sity that farmers must make their own actions conform with these requirements if success is to be achieved."

NEW TRENDS NOTED

A theory that the time will not be far distant when practically all American farm products excepting cotton will be needed to supply the American market, was advanced by Doctor Grimes. The time when this situation is expected to come about is not agreed upon by economists, though the time varies from 15 to 30 years hence.

In his explanation of the federal farm board and its workings, Doctor Grimes said the trend of our export trade and domestic production indicates that the manufacturer's advantage from the tariff may be lessened as time goes on, while the farmer's advantage may be increased.

DAIRY JUDGES MAKE CREDITABLE SHOWING

Fail to Place As High Last Week As
Animals Team Did at Water-
loo Congress

Kansas Aggie dairy judges who competed at the National Dairy show in St. Louis last week did not score as heavily as they did at the Waterloo Dairy Cattle congress where they won first in the dairy animals judging contest. They did, however, make a creditable showing.

John Wilson of Geneva placed fifth on Guernsey cattle in competition with 83 other dairy judges. Howard Bradley, Kidder, Mo., was seventh on Holsteins, and Richard Stumbo, Bayard, was eighth on Guernseys.

The dairy products team, in competition with 15 other teams, won second place on butter scoring, fourth on milk scoring, and ninth on all products. L. M. Sloan, Leavenworth, was second in scoring milk and eighth on all products. M. L. Magaw, Concordia, was second on scoring butter, and William Lynn, Centralia, placed sixth on ice cream scoring. Prof. H. W. Cave is coach of the animals team and Prof. W. H. Martin is coach of the products team.

GIRL HATCHERY OPERATOR RULES BARNWARMER DANCE

Edith Bockenstette of Sabetha Chosen
Queen of Ags

Edith Bockenstette of Sabetha, freshman in rural commerce, was elected queen of the recent Ag Barnwarmer held in Nichols gymnasium. Miss Bockenstette's choice was not inappropriate, as she is the daughter of the operator of some of the state's largest hatcheries, and herself manages a 52,000 egg hatchery during the summer.

The Barnwarmer Queen is the only woman whose name appeared on the printed program of the International Baby Chick association, before which body she has spoken twice. She is a member of the Pi Beta Phi sorority.

Overalls and gingham aprons were costumes for the Barnwarmer, and non-ag students who slipped in were paddled. Appropriate rural scenery was used in the decoration scheme.

Animal Nutrition Seminar

For those interested in the study and criticism of experimental work in animal nutrition, notice is given that a seminar has been formed which will meet regularly, Wednesday afternoon at 4 o'clock. The first meeting of the group will be held October 30 in room 27, Calvin hall. Dean L. E. Call will speak on the purpose of the seminar. At this meeting the program for the remainder of the semester will also be determined. All interested are invited to attend.

A. A. U. W. Holds Meeting

A. A. U. W. held a meeting October 10 in recreation center. The hall was decorated with baskets of dahlias and red cannas. Mrs. C. O. Swanson, Mrs. H. W. Davis, Mrs. F. D. Farrell, Mrs. J. T. Willard and Dean Mary P. Van Zile were in the receiving line.

RUSSIAN EDUCATORS EXPLAIN FARM SYSTEM

LAND WORKERS NOT TAXED IF
UNABLE TO PAY

Introduction of Farm Machinery Sov-
iets' Greatest Problem, American
Hosts are Told—1,400 Tractors
Imported Recently

In Russia, where the farm problem is that of stimulating production for an increasing population that grows at the rate of 3½ million a year, the farmer is taxed according to his ability to pay, and not taxed at all if economically unable to do so. In some cases the government not only remits taxes but actually supplies seed to farmers who have suffered failure the previous season.

This and other features of the Soviet government's agricultural policy were explained by members of a party of Russian teachers and investigators here to study American agriculture during a recent visit at the Kansas State Agricultural college. The party of four that were in Kansas was part of a group of 50 agricultural teachers and investigators sent to America this year by the Soviet government. They visited leading agricultural colleges and experiment stations throughout the country and are at present at Washington, D. C., where they will spend several weeks studying the work of the United States department of agriculture.

Russia's immediate problem is the introduction of farm machinery and within the last few weeks, 1,400 farm tractors were purchased in America by the Russian government for use on farms operated by both individuals and the state, it was stated by Prof. M. M. Wolf of Timiriachev Agricultural academy, Moscow, leader of the party that visited Kansas.

RUSSIANS ARE ENTHUSIASTIC

Professor Wolf and others of the group impressed their American hosts with the enthusiasm with which they spoke of post-revolution Russian agricultural achievements and plans. "Russia today, like America, is a young country," said S. G. Ujansky, professor of agricultural economy in the Scientific Research Institute of Agricultural Economy, Moscow, partly by way of explanation of Russia's interest in American agriculture.

With the advent of the new economic policy in Russia the original scheme to confiscate all the products as well as all the land of the nation was abandoned. Under the present system the individual farmer may operate as much land as he and members of his family can farm, but they may not hire any labor except at harvest. The land is the property of the government but the farmer is allowed to occupy it just as long as he works it. Farm buildings placed on the farm by the man who operates it are the property of the individual.

Shiftless farming is regulated by the community. A farmer who allows weeds to grow on the farm he operates, it was explained by way of illustration, may be ordered by the community to clean up and if this fails of a result the community may have the work done and charge the farmer for it. This is determined by vote of members of the village governmental unit, the local soviet.

SIZE OF FARMS INCREASES

When the lands of the nation were confiscated large estates were broken up and small farms were united. A policy of the Russian government that is similar to that of American is encouraging cooperative farming. Of the 40,000 tractors in use in Russia last year 20,000 were cooperative. The remaining 20,000 were in use on government operated farms. On the government operated farms the 8-hour day and time and a half for over time hold as in factories and shops. The NEP—new economic policy—has resulted in increased sized farms.

But the Russians gave a conservative answer to the question, What has been sum total of results under

the new system? There has been gain in area of seeding since the war but the famine of 1920 and the winter killing of 15,000,000 acres last year were serious setbacks.

They spoke of the great difficulties in the way of spreading scientific methods. Russia has a total of 25,000,000 small farms. The country has few railroads, few motor cars, and not many improved roads. Only 45 per cent of the population can read. The total land area of the country is one-seventh of the land area of the world, with but 2 per cent of the world's population.

Every village has a radio in its local community house and the government avails itself of this opportunity in broadcasting sound agricultural information. The schools, of course, are now open to all on an equal basis, and whereas no farmer who owned an estate of less than 5,000 acres could attend an agricultural college in the old regime any farmer who has passed through the lower schools is now eligible.

ONE MAXIMUM PAY RATE

Of the Russians in the group that visited Kansas only one, Professor Wolf, was an educator before the revolution. All the others are products of the revolution. All are members of the communist party although this is not compulsory in either an educator or a workman. Members of the party may receive the same maximum rate of pay whatever their status or occupation—president of the union, college professor, shop workman, common laborer. The maximum rate is determined by the wealth of the nation and varies with the years. The rate below the maximum varies with the skill of the individual. Non-members of the party may receive considerably more than their own superiors who are members of the party; Professor Wolf pointed out that certain of his own subordinates received considerably more than the amount of his own salary. But their pay would automatically revert to the amount of the communists should they join the party.

Professor Wolf and the others enthusiastically invited American agricultural educators and investigators to visit Russia next summer when the International Soil conference is to meet in the U. S. S. R. Professor Wolf is chairman of committee on arrangements. The government plans to entertain visitors with a tour of Russia extending over four weeks. The tour will be taken in railroad coaches equipped for touring.

Members of the party that visited Kansas included, besides Professors Wolf and Ujansky, two members of the staff of Timiriachev academy, N. A. Burianenko and B. N. Loubiako, and an interpreter, J. Freess of the Amtorg Trading company, New York, an American citizen of Russian birth.

K-AGGIE TENNIS TEAM WINS TWO MEETS WITH ST. MARYS

Silverwood and Grigg Play in Two Fall
Matches

The Kansas Aggie tennis team won two meets from St. Marys college last week, the first being played at St. Marys and the second at Manhattan. Results of the first meet are as follows:

SINGLES

Captain K. J. Silverwood, Aggies, defeated Zerschel, St. Marys, 6-2, 7-5. Winston Grigg, Aggies, defeated Captain Heffernan, St. Marys, 6-1, 6-2.

DOUBLES

Silverwood and Grigg defeated Zerschel and Heffernan, 6-0, 6-4. Results of the second meet:

SINGLES

Silverwood defeated Zerschel, 6-1, 6-1. Grigg defeated Heffernan, 6-0, 6-2.

DOUBLES

Silverwood and Grigg defeated Heffernan and Zerschel, 4-6, 6-1, 6-2.

The Chinese gave to the world such discoveries as silk paper, gun powder, and printing from wood blocks.

POWERFUL OKLAHOMANS ARE HOMECOMING FOES

SOONERS WILL BRING VETERAN
TEAM TO MANHATTAN

K-Aggies Have One Game Advantage
—in All Time Standings—Captain
Freeman Suffers Knee Injury
in Jayhawk Game

Oklahoma's red-clad Sooners, picked by Coach A. N. McMillin of the K-Aggies as strong contenders for the Big Six title, will be the opponents of the Wildcats in the Homecoming day game next Saturday afternoon.

The game climaxes Manhattan's Diamond Jubilee celebration, and jubilee officials predict the largest home crowd in Aggie football history. Advance ticket sales have been heavy, though not so heavy thus far as for the record setting K. U. game of last year, when more than 17,000 were present.

In all time statistics, the Aggies have a slight advantage over the Sooners, with six victories to five. There are three ties, all 7 to 7, in the record. Oklahoma has scored 238 points to the Aggies' 168, in the 14 games played.

TEXANS BAD MEDICINE

A Texas trip for Oklahoma last Saturday proved even more disastrous for the Sooners than did the K-Aggies' trip of a week before. Coach Ad Lindsay's team was defeated 21 to 0 by Texas university, in a game at the Texas fair. Texas made 17 first downs to Oklahoma's 7.

Captain A. H. Freeman is the only injured player on the Wildcat squad as a result of the Kansas university game. Freeman, who plays left tackle, suffered a knee injury and one leg was very stiff during the early part of the week. His absence would be felt in the line.

Tom Churchill, right end, is perhaps the best known member of the Oklahoma team. Churchill is a star in football, basketball, track, and other sports, and is well up among the All-American contestants in all sports.

Mayhew, Flint, Mills, and Captain Crider, the probable starting Oklahoma backfield, all played against the Aggies in a free scoring rumpus last year. Oklahoma started the season with a 26 to 0 victory over Creighton, but the latter team is said to be below its usual powerful standard.

AGGIES GET CONFIDENCE

Much needed confidence was gained by the K-Aggies in their game with the university. They conquered an admittedly powerful eleven, and surprised nearly everyone but themselves and the Aggie rooters, who had been told in pep meeting by Coach McMillin that the Wildcats would win. McMillin explained that he had a "hunch" the team would be victorious, that he had never felt such a "hunch" but once before in his life, and that the Aggie rooters would please go home and not say anything about it to each other, or it would break the luck.

Since 1920 the Aggies have lost only once to Oklahoma, and that was last year. The Aggies have won five games and there were three ties in the period.

The probable starting line-up:

K-Aggies	Position	Oklahoma
P. Swartz	L.E.	Taylor
Freeman	or	
Tucker	L.T.	J. Lee
Bauman	L.G.	Stanley
Barre	C.	Fields
Tackwell	R.G.	Gentry
Crunkite	R.T.	Marsh
Towler	R.E.	Churchill
Nigro	L.H.	Flint
Meissinger	R.H.	Mills
McMillin	Q.B.	Mayhew
Wiggins	F.B.	Crider (c)

Big Six Scores

Kansas Aggies 6, K. U. 0.
Texas U. 21, Oklahoma U. 0.
Pittsburg 12, Nebraska 7.
Missouri 20, Drake 0.

GAMES THIS WEEK

Kansas Aggies vs. Oklahoma U. at Manhattan.
Nebraska vs. Missouri at Columbia.
Kansas U. vs. Iowa State at Ames.

THE KANSAS INDUSTRIALIST

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F. D. FARRELL, President.....Editor-in-Chief
C. E. ROGERS.....Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY.....Assoc. Editors
KENNEY FORD.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

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WEDNESDAY, OCTOBER 23, 1929

THEY CAN FACE TROUBLE

Mr. and Mrs. Gomer Davies celebrated their golden wedding anniversary last week, and Kansas newspaperdom celebrated with them. Gomer—it is always Gomer, or Uncle Gomer—is a symbol of a school of virile Kansas journalism past, present, and, let it be hoped, future.

In his Concordia Kansas Gomer has stirred up more cyclones than it would be easy to count. Not that Gomer goes hunting trouble. He doesn't. Yet he never runs away from trouble. That is the way any journalist acts who is devoted to the best traditions of the calling as it is practiced in Kansas. Trouble is a part of the everyday business of his vocation. Gomer's school of journalists know how to face it.

It is a pleasure to join those who honor an editor of courage and a pungent style in congratulating Gomer Davies and Mrs. Davies on this happy occasion.

A MODERN TRAGEDY

Modern schools are often compared to those of earlier days to the disadvantage of the later, but the cold hard record of history shows that whatever may have been the defects of older systems, they produced young men of flaming splendor who held the reins of state, wrote great books, and won the battles of nations.

In the United States for example, Alexander Hamilton was a master of complex questions in national finance while still in his twenties; Thomas Jefferson exhibited qualities of statesmanship at an age when many men are still in college in our own age; Daniel Webster was a great lawyer long before he reached middle age. In Britain the younger Pitt was the virtual ruler of the nation, as prime minister, at 24; Isaac Newton was not yet 25 when he formulated the laws of gravitation; Keats died at 27 and Shelly at 30; Lord Clive was the "heaven sent general" in India at 27. Going further back, Alexander won his first great victory when he was 22, and he died, master of the world, at 33.

Is it that in the earlier days, life, though a strenuous game to play, was an easy one to learn? Young men of genius did not then, as they do now, find themselves hopelessly matched against older men, whose stores of massed and detailed experience overwhelmingly weighted the scales.

It is not much more than a generation ago that it was possible for a man to have read every book of importance in English, French, Latin, and Greek without having neglected his business. Today it is barely possible for an industrious expert to keep abreast with the literature in his narrow subject—mining, biology, the law, medicine, etc. As for keeping in touch with domestic and foreign politics and real literature—that is admittedly impossible.

This, in spite of our boasted progress and advances, is one of the tragedies of our times. Experience counts for too much and talent for too little; old men live so long and young men wait and wait.

MACDONALD MEETS THE PRESS

Confronting 100 reporters at an impromptu and catch-as-catch-can interview is "duck soup" for Prime

Minister Ramsay MacDonald of Great Britain.

The tall grey Scot statesman from Downing street hadn't intended to be catechised by newspapermen when he debarked from the Berengaria in New York harbor at 9 o'clock in the morning of October 4 to ride the last five miles of his journey to America aboard the city welcoming tug Macom.

He thought he had obviated the occasion for an interview which his staff handed out in mimeographed form. It was all he had planned to say upon his arrival, but hardly was he aboard the city tug when Grover Whalen, New York's municipal welcomer, who seldom fails to know what the press wants, steered the prime minister into the after cabin of the vessel and left him to the mercy of the reporters who streamed in at his heels.

The ceiling of the cabin is low, almost so low that MacDonald had to bend his head to avoid collision with the beams. The windows were shut, for it was a chill morning. Ninety-odd reporters were packed into the cabin, so close together that taking notes was difficult or impossible. Outside the police band was blaring on a sister tug. Airplanes zoomed overhead, and whistles screamed from adjacent harbor craft, adding to a din that made hearing difficult. But Premier MacDonald took his stance and confronted his questioners, starting out:

"I hope you are all very comfortable in here. It's close quarters. Have you all received copies of my prepared statement? A considered statement is likely to be better than the unconsidered word of the moment."

Immediately queries began to fly from every corner of the cabin. Not a question was ignored. Though they covered almost the whole range of British and European affairs, he either answered them unflinchingly or turned his reply back toward the mission on which he came—the enhancement of Anglo-American amity.

With no semblance of brusqueness he kept indicating by inference, again and again, that he was in America to talk about the cementing of international friendship, and so deftly did he point the interview that in a moment he had most of the newspaper men on his side, resenting questions not pertinent to that subject.

Only once did he indicate a trace of amused annoyance, and then only when a derisive laugh at a question had already arisen among the newspaper men. The interview lasted less than 15 minutes. It was brought to an end by MacDonald when, the questioning having waned, some reporter piped up: "Do you expect this meeting with Mr. Hoover to succeed in a big way?"

"I will tell you that later," he said with a twinkle in his eyes. "Now let us go outside and get some fresh air." —Editor and Publisher.

SCIENCE DEAF TO VOTES

A few weeks ago a religious organization voted that it has no sympathy "with ascribing criminal acts or tendencies to diseased tonsils or adenoids." Its members believe that the question of whether physical ailments cause crime will be decided by a majority vote. According to this theory, if out of a thousand people 501 hold that adenoids are not dangerous, and 499 that they are dangerous, then they obviously are not dangerous.

Students of physiology today believe that adenoids may seriously affect the mind. Further light doubtless will be shed on the matter by future investigation. At all events, investigation by scientists will determine the question. It will not be decided by majority vote. Nobody can discover what facts are by means of a ballot. Facts are discovered either by accident or by investigation—and investigation is the more dependable way.

—The Household Magazine.

THE RURAL YOUTH MOVEMENT

This so called "youth movement," which has received considerable attention of late, consists, in so far as it affects the farm, in quick adoption of modern farm practices and efficient results in production startling to a veteran observer of agricultural movements.

The "youth movement" on the farm, in fact, has risen simultaneously with fundamental discoveries in

agricultural practice. It has been only about 10 years since club work and the study of vocational agriculture were introduced on the farm. In that decade has come the widespread adoption of power machinery in farming, the market popularity of the well finished beef calf, the value of cleanliness with pigs, custom hatching of chickens, disease treatment for seed—a long list of basic changes tending toward profitable production.

And the surest way to introduce these new factors into a neighborhood, agricultural workers say, is through the farm boy and girl. Under the direction of their club leaders, county agents, or high school

Waves and Particles, Light is Both

Arthur H. Compton in Sigma Xi Quarterly

As long as the seventeenth century, Newton defended the view that light consists of streams of little particles, shot with tremendous speed from a candle or the sun or any other source of light. At the dawn of the nineteenth century, however, experiments were performed which were thought to give positive evidence that light consists of waves. Maxwell interpreted them as electromagnetic waves, and in such terms as we have ever since been explaining, light rays, x-rays and radio rays. We have measured the length of the waves, their frequency and other characteristics, and have felt that we know them intimately. Very recently, however, a group of electrical effects of light have been discovered for which the idea of light waves suggests no explanation, but whose interpretation is obvious according to a modified form of Newton's old theory of light projectiles.

Radio rays, heat rays, visible and ultraviolet light, x-rays, gamma rays and cosmic rays, all are different varieties of light. We find from our experiments on diffraction and interference that light consists of waves. The photoelectric effect and the scattering of x-rays give equally convincing reasons for believing that light consists of particles. For centuries it has been supposed that the two conceptions are contradictory. Goaded on, however, by obstinate experiments, we seem to have found a way out. We continue to think of light propagated as electromagnetic waves; but whenever the light does something, it does it as photons. In reply to our question, "what is light," the answer seems to come, waves and particles, light is both.

teachers, these youngsters, with their calves, pigs, sheep, and crops, operate laboratories on their home farms with results inescapable to the older generation of farmers. —John M. Collins in the Weekly Kansas City Star.

FIRST PLUNGE INTO FICTION

Everyone, we suppose, can recall the first plunge into adult fiction and the shock of delight in which impact with the world of the novelist's imagination resulted. Suddenly between the covers of a romance opened a new heaven and a new earth, peopled with men and women of familiar mien and figure, but compact of emotions and situations hitherto only faintly glimpsed and until then in no wise brought into perspective. No later experience of reading can have quite the tang of those first vicarious adventures into life and living, quite the power to transport the reader without the bounds of time and self into the projections of the writer's fancy.

Youth, when first it discovers the microcosm of life that is the novel, like William James's baby which is light the first time it sees light, is completely merged with what it reads; it is the participant, not the observer, in what unfolds before it. What dear delight in all the joys and triumphs of hero or heroine, what agony of apprehension when danger threatens, what exultance when odds are conquered, and passion of grief when ill befalls! No matter how stimulating the literary draughts of later years, there is never again such intoxication of enjoyment to be had as in those first sips of fiction.

—Marion Ponsonby in the Saturday Review of Literature.

The uttered part of a man's life, let us always repeat, bears to the uttered, unconscious part a small unknown proportion. He himself never knows it, much less do others.

—Carlyle.

IN OLDER DAYS

From the Files of The Industrialist
TEN YEARS AGO

H. H. Laude, '11, was in charge of rice experiments at the Texas Agricultural Experiment station at College Station.

A daughter, Mabel Lucile, was born to Arleigh M. Yeaton and Blanche (Burk) Yeaton, '14, of Shallow Water, Kan.

TWENTY YEARS AGO

Arthur C. Jackson, president of the National Good Roads association, gave a talk to the student body at chapel.

George A. Westphalinger, a retired United States army band master, was

WOOD MOMENT

David Morton in the Nation

We shall have little enough to keep, we two,
Out of this moment that is passing,
now:
A little memory how the light came through
In such frail patterns as the woods allow,
And how no wind nor any sound was here
To break this spell of silence that has seemed
Part of a stranger spell that holds you near
A little while—like something that I dreamed.

Little enough—the rest will soon go by,
Pitiful speech that found no word to say
Beyond the language of a glance or sigh:
Only, some year, some fine and careless day,
I shall stop suddenly, seeing my way
Of woods with sunlight—how the patterns lie.

SUNFLOWERS

H. W. D.

YOUNG MR. MANHATTAN

Manhattan, home of the Kansas State Agricultural college, is this week celebrating its seventy-fifth birthday.

Funny thing, the way age affects nations and cities, businesses and colleges, or any of the institutions created by mortals and composed of mortals. To human beings the years bring stiffened joints, hardened arteries, tottering steps, and set minds. But to human institutions none of these calamities need come. Man the individual must endure senility, but man the citizen can forever look to the future with the hopeful eyes of youth.

On its seventy-fifth birthday Manhattan is to be congratulated mostly because it has retained its youth. At 75 Manhattan is still in its twenties, thank you, and proposes to stay there. Realtors may tell you of paved streets, beautiful houses, more beautiful yards and gardens, all the big-city conveniences and none of the big-city evils, superior educational facilities, progressive business policies, and all the rest; but that isn't the half of it. Manhattan has a young heart, elastic arteries, and a marked disposition to preserve its schoolgirl complexion.

Witness the nature of Manhattan's seventy-fifth birthday celebration. It opens with an air circus. Three score and fifteen cavorting around in the blue sky, daring gravitation to do its worst, eh? But why not? Mr. Manhattan is not a day older than his heart is young, don't you see?

Then the air circus fades into a week of community circus, genuine home-made fun, educational in rationalization but carnival in spirit. Contests, prizes, spectacles, fireworks, confetti, hot dogs, and a whole lot of other things that only a young mind can digest. And it all ends with a super-homecoming and a homecoming football game. Not just exactly the sort of stuff for great-grandfathers and great-grandmothers to be indulging in, you think? Maybe so, if you think only once. But if you think twice, you rather work in below the surface.

Perhaps there is a reason why Manhattan chooses not to grow old. About 5,300 of its 12,000 residents are learners, either in the public schools or in college. Fully one-half of the citizenry is interested directly in teaching or learning. Thus Manhattan realizes, as few communities are privileged to realize, that the future inevitably belongs to the coming generation.

It is a much finer thing to respect the future than it is to respect the past. It is also much more hazardous. Manhattan is sincerely to be congratulated on its willingness to accept the hazards of staying young.

Here's hoping and believing that Mr. Manhattan won't be a day older when he is a hundred.

For as old age is that period of life most remote from infancy, who does not see that old age in this universal man ought not to be sought in the times nearest his birth, but in those most remote from it?

—Blaise Pascal.

AMONG THE ALUMNI

Orval W. Tripp, '23, is a civil engineer in Birmingham, Ala.

C. A. Downing, '22, is with the Robert W. Hunt company, engineers, at St. Louis, Mo.

Josephine Koenig, '29, is in the dietary department of St. Luke's hospital, Chicago, Ill.

Florence Mather, '21, is director of the cafeteria of Western high school, Baltimore, Md.

Dorothea R. Dowd, M. S. '28, is enrolled in the graduate school of the University of Illinois, Urbana, Ill.

Helen Freeburg, '28, formerly at Moundridge, is now teaching clothing in the Winfield six year high school.

Ina (Priest) Lucas, '13, and two sons, of Juneau, Alaska, spent the summer visiting relatives in Manhattan.

Mrs. Linnea Dennett, '29, Lindsborg, is home demonstration agent of Riley county with headquarters at Manhattan.

Glenn E. Thomas, '28, is with the Kansas Highway commission as resident engineer. His headquarters are at Ness City.

Melville Thompson, '25, formerly of Chicago, is now employed by Borton and Borton, investment company, Cleveland, Ohio.

Gilford J. Ikenberry, '20 and '24, is acting head of the department of botany of the North Dakota Agricultural college, Fargo, N. D.

Alfreda Honeywell, '23, visited the home economics division October 15. She enjoys her work at Alpha Bates hospital at Berkeley, Calif.

John D. Cunningham, '22, who received his doctor of law degree at Creighton "niversity, Omaha, Neb., in June, is now a practicing attorney at Seneca.

Frank B. Morrison, '27, has reentered the law school at the University of Nebraska after finishing a successful year as superintendent of schools at Fairwell, Neb.

William Floyd, '29, is in the employ of the Great Western Electric company in Kansas City. He attended the R. O. T. C. encampment at Fort Knox, Ky., during the month of August.

C. A. Newell, '21, teacher of agriculture in the United States Indian school at Albuquerque, N. M., and family visited the campus during July. Mr. Newell plans to attend next summer school.

Randall C. Hill, '24 and '27, and Leona (Thurrow) Hill, '23, are now in Manhattan. Hill is a member of the faculty at K. S. A. C. He received his doctor of philosophy degree at Missouri university this year.

R. H. Reynolds, '11, is engineer with the North Carolina Power & Light company, of Raleigh, N. C. About a year ago Reynolds represented his company on a business trip through India, Egypt, France, and England.

Lieutenant Karl Frank, f. s., Eva (Travis) Frank, '22, and three children are now at Fort Monroe, Va., where Lieutenant Frank is stationed. They were the guests of Mr. and Mrs. George Frank of Manhattan during the latter part of April and all of May.

Ernest Hartman, '22 and '24, associate professor of biology, College of Arts and Sciences, Lingnan university, Canton, China, writes that he finds his work interesting and ample to keep him busy. He sends his best regards to his many friends in America.

Albert Wertman, '23, received his master's degree from the Oregon State Agricultural college at Corvallis this last spring. His mother, Mrs. Lula Wertman, received her degree from K. S. A. C. at the end of the summer session and now holds a position as manager of the Y. M. C. A. cafeteria at Hutchinson.

For the month of October, Dorothy A. Johnson, '29, will be located in Montgomery, Ala., and from November 1 to March 1 she will be in Andalusia, Ala. Miss Johnson is engaged in Red Cross field work in nutrition, and last month returned from the Orient where she was studying conditions with a sociological group.

FOOTBALL SCHEDULE 1929 VARSITY

Oct. 5—Purdue U. 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. 0, Aggies 6.
Oct. 26—Oklahoma U. at Manhattan.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

MARRIAGES

FULTON—MARCHBANK

Dorothy Fulton, '28, and James H. Marchbank, '28, were married June 17 at St. Louis, Mo. Mr. and Mrs. Marchbank are at home at 905 Sherman avenue, Evanston, Ill.

VENABLES—BRODRICK

The marriage of Vivian Venables, f. s., and H. J. Brodrick, '26, occurred at Bellaire on July 30. Mr. and Mrs. Brodrick are at home in Osborne, where Mr. Brodrick is manager of the Home Oil company.

SIMPSON—HINDEN

Announcement has been made of the marriage of Rachel Simpson, of Arlington, and Earl H. Hinden, '26, of Strong City, which took place in Grace Episcopal church, Hutchinson, on June 2. They are at home in Syracuse, Kan.

DAUGHERTY—ROGERS

The marriage of Grace A. Daugherty, '29, Republic, and Owen G. Rogers, '29, Bronson, occurred June 1 at Lawrence. Mr. Rogers is employed as electrical engineer for the Westinghouse Electric company at Pittsburgh, Pa., where the couple is now at home.

BURSON—YANDELL

Mr. and Mrs. C. J. Burson of Manhattan announce the marriage of their daughter, Daryl, '29, to Kenneth Yandell, '26, of Elizabeth, N. J., which took place June 25 in Manhattan. Mr. and Mrs. Yandell will make their home in Elizabeth, N. J., where Mr. Yandell is with the Standard Oil company.

BIRTHS

Zurlinden L. Pearson, '27, and Bertha (Dowd) Pearson, of Clay Center, announce the birth October 9 of a son.

Don H. Pickrell, '23, and Ardis (Atkins) Pickrell, '21, are the parents of a daughter Joyce, born October 4.

DEATHS

WILSON

Injuries suffered in a motor car accident near Harper, October 5, caused the death of Anna Zerita Wilson, '28. Miss Wilson had been teaching economics in the Attica high school.

A RELIGION FOR EACH

Within the United States there is not the slightest reason why religion cannot keep completely in step with the demands of our continuously growing understanding of the world. Here religious groups are to be found which correspond to practically every stage in the development of our knowledge and understanding. Personally, I believe that essential religion is one of the world's supreme needs, and I believe that one of the greatest contributions that the United States ever can, or ever will, make to world progress—greater by far than any contribution which we ever have made, or can make, to the science of government—will consist in furnishing an example to the world of how the religious life of a nation can evolve intelligently, inspiring, reverently, completely divorced from all unreason, all superstition, and all unwholesome emotionalism. —Robert Andrews Millikan in Forum.

Ben Remick, a '29 graduate in the division of electrical engineering, is employed by the General Electric company in Schenectady, N. Y.

LOOKING AROUND

KENNEY L. FORD

Non-residents of Manhattan and Lawrence who saw the football game Saturday, in which the McMillin to Nigro to Towler pass and the plunge which followed gave the Wildcats a sweet victory over the fighting Jayhawks, saw only one skirmish of the annual battle for supremacy between the two schools. Athletic directors Allen and Ahearn are missing one opportunity for wiping out stadium deficits by not selling season tickets for the annual clash, rather than charging admission just to see the end of a strenuous campaign.

If the Aggie-K. U. campus war is to break out again next year (we hope it will not), Homecoming alumni should come to Manhattan at least a week in advance to watch the war clouds roll up the Kaw and over our eastern frontier; and vice versa, see, hear, and believe the propaganda for a great army of defense and watch the campaign get under way. Both armies in this war are for defense only. A modern war it is, with airplanes, sentries armed with paddles, a motor transport corps capable of concentrating shock troops on any supposedly weak sector, reprisals, exchange of prisoners of war, armistices, and finally a peace settlement with the victor on the gridiron taking the spoils.

Many students at K. S. A. C. (also K. U.) do not approve of a campus war where a wildcat is stoned, the statue of a revered dean painted, personal or public property damaged. Students at our great Kansas schools ought to know better. However, if we were students—oh well, anyway it might be better for K. S. A. C. to look upon the Aggie-K. U. game as a game rather than the game.

WEEK PRECEDING K. U. GAME BRINGS MANY RAIDING PARTIES

Closely Clipped Heads Became Popular Among Students

Campus raiding activities between students of the university and the agricultural college reached unusual heights in the week before the game. The climax of the week was reached in the capture of 20 K. U. students in Manhattan early Wednesday morning. Others were captured, including several girls who were accompanied by a chaperon. The girls were sent back to Lawrence under escort of one of the men, and some of the other captives escaped, but 19 were left for hair cutting and an impromptu pep chapel program. One of these was spared because he was not feeling well.

Student representatives of the two schools agreed on a cessation of organized raiding, Wednesday, but early Friday five stragglers, two of whom had posed as Kansas City Star reporters in an attempt to capture the Aggie Wildcat, were captured and made to scrub paint off the Aggie campus. Three college show steers were clipped to show the letters K. U. by persons who were not found.

During the activities three Aggie students were captured and clipped in Lawrence, one being sent back in women's clothing, and three university students in addition to those mentioned above were found in Aggieville. Campus guards were established during the week at each college.

Student councils of the two schools plan to meet soon to prevent raids in the future.

Mary Meyer, '29, is teaching in the Hutchinson city schools.

The president and vice-president of the Washington, D. C., alumni chapter of Phi Kappa Phi are both K. S. A. C. alumni. Charles L. Marlatt, '84, is president, and Harry N. Vinall, '03, is vice-president.

J. U. Higinbotham, '86, whose home is at Still Pond, Saratoga, Calif., says in a letter to President Farrell:

"I sincerely wish I could be among the fortunate ones who will participate in Manhattan's Diamond Jubilee, but the Lord put a lot of space between Kansas and California and I am saving up for the 1931 Commencement reunion."

HOMECOMING PROGRAM

Friday, October 25

7:30 p. m.—Pep meeting. Visiting bands to Manhattan's Diamond Jubilee cooperating.

Saturday, October 26

10 a. m.—Informal alumni reception, recreation center, in charge of Riley County Alumni association.

12 m.—Alumni luncheon, cafeteria upstairs, honoring "K" alumni. H. G. Root, '11, Wamego, toastmaster; Ralph Snyder, '91, president of K. S. A. C. Alumni association, welcome; Jim Douglass, '27, Salina; Miss Reva Lyne, '26, Solomon; Short talks; Music by college trio.

2 p. m.—Homecoming football game, Oklahoma university-Kansas Aggies.

'COLLEGE EDUCATION TRAINS FOR BUSINESS'

Pennsylvania School Head Says Failures in After Life Fault of Individual, Not System

Challenging the statement made by a New York banker that a college education unfits a young man for the business world because it fails to give the drive necessary to success, L. H. Dennis, state superintendent of the commonwealth of Pennsylvania, said that the fault was not with the institution, but rather with the individual. Dennis addressed the student assembly last Tuesday.

"The trend of many college men is toward lazy thinking," said Dennis. "Many of them do not know how to think for themselves, nor do they know how to study or to apply themselves."

The speaker said the two greatest vocational schools in America are West Point and Annapolis. The teachers in these institutions are experts in their particular fields. All vocational instructors should be chosen from men who have the respect of the trade they represent, he believes.

Dennis quoted the student at Annapolis, who in answer to the examination question, "What caused the defeat of the Spanish Armada?" said, "The Spanish Armada was defeated because of the lack of three little ships: Seamanship, marksmanship, and leadership." This may be applied to college life in preparation for future life in the business or professional world, the speaker said. The young man in business has no chance unless he has the equivalent of seamanship, namely, knowledge and skill of some specific profession or trade. He must be a good member of the crew, knowing how to fit in with others.

He must decide what he wishes to attain in early life and work toward that goal, like the marksman who sets his target, persistently shooting at it until his marksmanship is highly developed. The value of good leadership is inestimable.

The chapel speaker has twice been president of the American Vocational Educational association; he is high chancellor of Alpha Zeta; and is a graduate of Pennsylvania State college. He is an entertaining speaker, and his audience of college students was responsive and appreciative.

Arkansas Aggies Meet

Clytice Ross, '16, of Searcy, Ark., writes that the Arkansas Aggies held an alumni meeting during the state fair at Little Rock, October 11.

Present at the meeting were: Marcia Tillman, '16, who teaches in the Little Rock high school, Little Rock, Ark.; Price Wheeler, '16, and Glenn Wallace, '16, with the Missouri Pacific Railroad company; Clytice Ross, '16; Ida (Alspaugh) Fenton, f. s., household management specialist on the Arkansas extension force; Guy McCarthy, f. s., and Helen (Work) McCarthy, f. s., of Little Rock, where Mr. McCarthy is with the Rainwater-McCarthy Motor company; and Mollie Lindsay, '24, home demonstration agent at Waldron, Ark.

The Arkansas Aggies plan to have another gathering during the time of the State Teachers' Association meeting, November 14, 15, and 16.

M. E. Johnson With Penney's

Edith (Kelly) Johnson, f. s., writes that Myron E. Johnson, '19, has been with the J. C. Penney company as district architect for more than a year. They have four children, three of whom are in school.

Hannah Murphy, '27, holds a position in the dietetics department of the city hospital, Indianapolis, Ind.

RECENT HAPPENINGS ON THE HILL

Miss Annabel Garvey, of the department of English, spoke at Y. W. C. A. vespers on "Palestine," October 15.

The junior American Veterinary Medical association held a meeting October 10 at the Veterinary hospital. Initiation of freshmen was the feature of the meeting.

Miss Evelyn Adler, University of Nebraska, spoke at a special student forum in Thompson hall Monday noon, October 14, discussing "Students in Industry."

Dr. H. H. King spoke at the monthly meeting of the Y. M. C. A. Thursday evening, October 17. His subject was "Important Things to Get Out of College Life."

The suffragette varsity, which was to have been held Friday at the Wareham ballroom, was postponed. The Wampus Cats, men's pep organization had charge of the dance.

Invitations have been issued by Gertrude Brookens, student helper of the Congregational church, to a series of office teas which are being held in the church office in the illustrations building.

Karl Pfuetze and Phillip Lantz attended a meeting of the Rocky Mountain regional student council of the Y. M. C. A. at Lawrence, October 12 and 13. Pfuetze is vice-chairman of the council, which includes nine states.

A Chinese bride's coat has been purchased by the clothing and textiles department from Miss Emma Currin, a graduate of 1925, who bought the coat in Nanking, China. It will be on display in room 59 of Calvin hall.

Grace Editha Reed and Ruby Nelson, president and vice-president of the K. S. A. C. Women's Athletic association, attended the state convention of women's athletic associations held in Emporia Thursday, Friday, and Saturday.

Members of the K. S. A. C. economics department faculty attended the fourth annual meeting of the Kansas college instructors in economics and business at Lawrence, October 18 and 19. The meeting is held each year at the time and place of the K. U.-Aggie football game.

Manhattan winners of the radio audition contest which was held October 10 were Alfred Thompson, Wamego, and Gladys Mortensen, Willis. They will go to the state contest held at Topeka and will broadcast over WIBW. Miss Mortensen will broadcast October 24 and Thompson October 25.

Meeting at La Fayette

The following is an extract of a letter received from A. G. Phillips, '07:

"We had a little Aggie gathering in La Fayette Friday, October 4, prior to the Purdue-Aggie game. About 25 were in attendance and we all enjoyed seeing "Mike" and hearing him tell about how the things around Manhattan were coming.

"I saw the game, and while the Aggies were beaten by a superior team, the Wildcats were a fighting bunch, had a lot of ability, and were a credit to the institution which they represented. I was only sorry that they could not go away with the victory."

Coleman a National Champion

Among other champions from Kansas who attended the National Dairy show at St. Louis last week was Monroe Coleman, tester for the Sunflower Cow Testing association. Coleman bows to no one in his specialty, having spent the week at the show with expenses paid due to his winning a national award offered to cow testers who do the most toward improving herds in their association. Mr. Coleman has been tester of the Sunflower herds since they organized 10 years ago and has had much to do with a remarkable increase in their production.

Wallace N. Birch, '04, is located at Whittier, Calif.

HOG MEN GET REPORT ON FATTENING TESTS

CORN GLUTEN POOR SUBSTITUTE FOR TANKAGE

Works Better When Pigs Are on Pasture Than When in Dry Lot—Shorts Slop a Losing Proposition Also

Approximately 350 Kansas farmers and others interested in pork production attended the third annual hog raisers' meeting at the college last Friday. The visitors spent the forenoon in a tour of the college hog barns and listened to discussions of station experiments in the pavilion in the afternoon.

Previous hog feeding tests conducted by the department of animal husbandry have shown that the standard Kansas ration for fattening hogs consists of all the corn the hog will eat, alfalfa hay—self-fed in winter or pasture in summer—and tankage. Prof. C. E. Aubel, swine husbandman, told the visitors. This ration has proved to be a satisfactory one from the standpoint of gains, finish, and efficient use of feeds. It is used on many farms but in some parts of the state hog feeders believe they can profitably use substitutes for tankage. Accordingly, tests were made last winter to determine whether this standard Kansas ration could be improved upon.

Tests were conducted to answer two principal questions, (1) Does the addition of a wheat shorts slop improve the ration for fattening pigs? (2) What is the value of corn gluten meal compared with tankage as a protein supplement for corn when fed to pigs in the dry lot or on alfalfa pasture? In experiment No. 1 two lots of pigs were used. They averaged 114 pounds when the experiment started. They were Durocs of uniform size and quality.

Ten pigs composed each lot and they were fed for 80 days. Lot 1 was fed corn and tankage in a self-feeder and had free access to alfalfa hay and salt. Lot 2 was self-fed corn, alfalfa, and salt in the same manner as lot 1 but received one pound of wheat shorts and .4 pounds of tankage per pig once a day in the form of a slop made with water. The results of the test as given in observations by Professor Aubel and Prof. M. A. Alexander follow:

SLOP NOT SO GOOD

A ration of shelled corn, tankage, and alfalfa hay, all self-fed, produced a greater daily gain than a ration of shelled corn, self-fed, tankage and shorts, hand-fed as a slop, and alfalfa hay, self-fed.

The feed cost of 100 pounds gain was less when tankage was self-fed as a supplement to corn than when a slop or tankage and shorts was used as a supplement.

At no time during the feeding period did the slop-fed pigs gain more than the tankage-fed pigs.

Slop feeding requires more labor and would make the cost of gains greater. The cost of labor was not included in this experiment.

The second experiment conducted during the winter of 1928-29 helps to answer the question, can corn gluten meal be fed as a substitute for tankage in full feeding hogs in the dry lot by: (1) increasing the quantity of corn gluten meal? (2) increasing the quantity of corn gluten meal and adding a small amount of a good commercial carrier of calcium and phosphorus? (Bone meal was used in this test.) Hogs used in this test were uniform in size and quality.

Nine lots were divided into three equal groups of three lots each and each of the three lots of each group was fed an identical ration. In this manner three different rations were tested. One group of three lots was fed corn and alfalfa hay in a self-feeder and .4 pounds of tankage per head, hand fed once a per day. A second group of three lots was fed corn and alfalfa hay in a self-feeder just as in the first group but received .6 pounds of corn gluten meal per head once per day, thus differing from the first group in its protein supplement.

GLUTEN IS UNSATISFACTORY

The pigs receiving tankage gained 1.16 pounds per head per day. Those receiving corn gluten meal gained only .5 pounds. The pigs receiving tankage required 383.55 pounds of corn to produce 100 pounds of gain. Those receiving corn gluten meal required 609.56 pounds. Where the tankage was fed, cost of gains was \$6.62 per 100 and where the corn gluten meal was fed the cost was \$10.65 per 100.

The pigs receiving tankage re-

quired less than half as much alfalfa hay per 100 pounds gain as those fed corn gluten meal. The results secured in these tests indicate that corn gluten meal alone is not a satisfactory supplement to corn for fattening pigs in a dry lot from the standpoint of daily gains, finish, and cost of gains.

A third group of three lots was fed corn and alfalfa hay, free choice, in a self-feeder just as in the case of the first two groups. The third group, however, received 2.5 ounces of a commercial carrier of lime and phosphorus (in this case, bone meal) per lot per day mixed in 1.6 pounds of corn gluten meal fed each pig once per day. The pigs in this group gained .51 pounds per head per day compared to 1.16 pounds for the first group and .5 pounds per head per day for the second group. These results indicate that the addition of bone meal to corn gluten meal did not increase the daily gains materially but did increase the cost of 100 pounds gained.

Observations on this experiment show that no ill effects were apparent from the use of corn gluten meal as a protein supplement. However, the unpalatability of the corn gluten meal was quite apparent. Throughout the test the pigs fed corn gluten meal would not clean up their allotted amount and weighing back a portion of it was necessary every few days.

TRY RATIONS IN SUMMER

Experiment No. 2 was carried on during the last winter in a dry lot so another phase of the experiment was planned to be a duplicate except that instead of alfalfa hay, alfalfa pasture was supplied as the roughage. It was designed to answer the same questions in regard to the efficiency of corn gluten meal as in experiment No. 2, the only change being that the hogs were allowed free use of alfalfa pasture instead of alfalfa hay and that an additional lot was fed which contained tankage and gluten meal half and half in proportion to protein content and thus answered an additional question as to whether corn gluten meal could make up one-half of the protein supplement fed for corn when the other half was tankage.

Hogs used in this test were uniform in size and quality, being Durocs and Poland Chinas. The breeding was identical to that used at experiment No. 1, many pigs being full brothers and sisters to the pigs in that experiment. Four lots of pigs were used, their average weight approximating 63 pounds at the beginning of the experiment. The pigs were fed 130 days. Results of this series of experiments were summed up by Mr. Aubel in the following observations:

Corn gluten meal proved to be less satisfactory from the standpoint of daily gains, cost of gains, and finish than tankage when each was fed alone as a protein supplement with corn on alfalfa pasture—lots 1 and 2.

Feeding bone meal with the corn gluten meal increased its value materially from the standpoint of daily gains, cost of gains, and finish when fed to hogs on alfalfa pasture—lots 2 and 3.

The addition of tankage to the corn gluten meal—40 per cent tankage, 60 per cent corn gluten meal—proved to be no more satisfactory than the addition of bone meal from the standpoint of daily gains and finish, but was less satisfactory from the standpoint of cost of gains—lots 3 and 4.

Corn gluten meal—dry lot versus pasture:

These experiments seem to indicate that corn gluten meal is a more valuable protein supplement for corn as a hog feed when hogs have access to alfalfa pasture than when they have access to alfalfa hay. In fact the pigs receiving corn gluten meal and alfalfa hay became so unthrifty that the experiment was discontinued at the end of 90 days—experiment No. 2.

Compared with the gains made with corn and tankage previous years, corn gluten meal this year has proved to be a satisfactory supplement for hogs on alfalfa pasture.

OTHERS ON PROGRAM

Dean L. E. Call presided at the hog raisers' meeting, welcoming those who attended. Prof. C. G. Elling, extension livestock specialist of the Kansas State Agricultural college, discussed the Kansas pork production contest. Albert Mueller, of Hanover, told how he and his father, William C. Mueller, won the Kansas pork production contest for 1928 and 1929. Dr. W. E. Grimes, professor of agricultural economics, discussed the possibility of forecasting price trends in hogs; Prof. M. A. Alexander, of the department of animal husbandry, discussed barley as a hog feed; Dr. C. W. McCampbell, head of the department of animal husbandry, conducted the question box.

WILDCATS DEFEAT K. U. WITH THRILLING PASS

STUBBORN DEFENSE MAKES LONE TOUCHDOWN ENOUGH

Mud and Rain Mere Trifles to Happy Aggies—Jayhawks Show Power During Two Drives—Game Hard and Clean

By H. W. DAVIS

All of Aggieville and most of Manhattan trekked down the meandering Kaw some 90 miles or so last Saturday, October 19, 1929, and trekked not in vain. What though cars slid off into ditches, and what though stubborn clouds grew actively angry and pelted 5,000 Aggies with wet raindrops from two to four in the afternoon? Who cared the slightest fraction of whoop? Who minded it one bit? We ask you.

Nobody. Of course. For the boys that played good football for Mr. "Bo" McMillin defeated the boys that played good football for Mr. "Bill" Hargiss by a score of 6 to 0. And the game, coming after a week of the intensest campus warfare that has ever been staged between the Aggies and the Jayhawks, was one of the cleanest and hardest bits of gridiron sport that you or anybody else ever saw.

Both schools, both teams, both coaches realized that the game was crucial, even though it was only the "opener" in their Big Six competition. Last season neither of the Kansas schools cut much of a figure in the Big Six. The college world in states roundabout had been saying things that hurt, things about the terrible condition into which football in Kansas had slipped. And neither "Bill" Hargiss nor "Bo" McMillin liked to listen to such silly talk.

JAYHAWKS STARTED FAST

Consequently the game Saturday was a sort of "come-out-of-the-cellar" contest. Neither team wanted to start the 1929 season with a defeat. If you saw the contest, you will bear with us sympathetically while we take oath that neither team showed the slightest desire to wait another week for a win. It was a hard, evenly contested, spirited battle. And it was as clean as it was severe.

If you care for the important details, we shall state that in the very beginning the Jayhawks started off with a rush that was powerful, and powerful without reservation. Within six or eight minutes they had twice driven deep into Aggie territory, but each time the Aggies had braced—much to the satisfaction of the purple side of the stadium. K. U. was using a deceptive "spinner" play developing into a neat variety of end runs, wide off-tackle smashes, and vicious line drives. For half the quarter it worked, and worked beautifully. Then the Aggies solved it, and started an offensive of their own which took the ball back in the middle of the field for the rest of the quarter.

DOUBLE PASS DOES IT

Very early in the second quarter Cronkite, Aggie tackle with six feet and six inches of altitude to his credit, did a snappy job of intercepting a K. U. pass. The Aggies tried a

line drive that was a dud. Then Nigro trotted back and far to the left. The ball was snapped to Ray McMillin. Jayhawk tacklers dived viciously at him, reaching him just in time to hear the whish of the pigskin as it shot far out to Nigro. And other tacklers dived at Nigro, likewise reaching him just in time to find the ball on its way far down the field to the outstretched arms of Towler, who made a beautiful catch and traveled to the one-yard line. On a second charge at the line Wiggins negotiated the six points that constituted the scoring for the afternoon. The kick for extra point was defeated by a fumble.

Then it rained and continued to rain. Until the final four minutes of the last quarter it was a mud battle, with the Aggies stubbornly holding an edge on their heavier opponents. In the hope of getting a break and tearing away for something countable Coach Hargiss tried combination after combination, frequently sending in three or four fresh men at a time. "Bo" McMillin seemed pretty well satisfied with his line-up, as what Aggie did not. Finally the K. U. offensive awoke. An Aggie fumble in the middle of the field brought on a Jayhawker onslaught that drove terrifyingly into the Aggie ten-yard zone. But there it faltered. The Aggies took the ball on downs, tried two very cautious line bucks, and the time-keeper's gun called it a game.

The statistics:

K-Aggies	Position	Kansas U.
P. Swartz	.....L.E.	Ramsey
Freeman	.....L.T.	Schoplin
Bauman	.....L.G.	M. Sorem
Barre	.....C.	Smoot
Tackwell	.....R.G.	Atkeson
Cronkite	.....R.T.	Foy
Towler	.....R.E.	Mullins
McMillin	.....Q.	Fisher
Nigro	.....L.H.	Lyman
Meissinger	.....R.H.	Cox
Wiggins	.....F.B.	J. Bausch

Substitutions: K. S. A. C.—Meyers for Barre, Tucker for Freeman, Fiser for Meyers, Evans for McMillin, Norton for Meissinger. Kansas—Reitz for Atkeson, Lawrence for Lyman, Page for J. Bausch, Cecil Smay for Mullins, Paden for Ramsey, Payne for Cox, F. Bausch for Smoot, Schoplin for N. Sorem, Foy for Charles Smay, Ramsey for Paden, M. Sorem for Reitz, Smoot for F. Bausch, Mullins for Cecil Smay, J. Bausch for Page, Lawrence for Lyman.

The score by periods:

K. S. A. C.	.....0	6	0	0—6
K. U.	.....0	0	0	0—0

The summary: Earned first downs—K. S. A. C. 6, Kansas 9. Yards from scrimmage, exclusive of forward passes—K. S. A. C. 130, Kansas 155. Punts—K. S. A. C. 10 for 380 yards, averaging 38 yards; Kansas 9 for 340 yards, averaging 37.8 yards. Runback of punts—K. S. A. C. 16 yards, Kansas 36 yards. Forward passes—K. S. A. C. attempted 6, completing 2 for 40 yards; Kansas attempted 9 completing 3 for 27 yards. Intercepted—By K. S. A. C. 2, by Kansas 0. Total yards gained in scrimmage passes, including runs after pass—K. S. A. C. 170, Kansas 182. Kickoffs—K. S. A. C. 3 for 156 yards, Kansas 0. Runback of kickoffs—K. S. A. C. 0, Kansas 44 yards. Penalties—K. S. A. C. 3 for 25 yards, Kansas 2 for 10 yards. Ground lost in scrimmage—K. S. A. C. 4 yards, Kansas 4 yards. Fumbles—K. S. A. C. 3 recovered 2; Kansas 3, recovered 2. Time out—K. S. A. C. 5, Kansas 2. Touchdown—Wiggins.

Quill Announces Contest

Ur Rune of the American Quill club announces its fall contest for membership which began October 15 and will close November 15. Original manuscripts including short stories, essays, features, and poetry may be submitted.

PROGRESS OF KANSAS PRESS

F. E. C.

Ray Breitweiser and Tom Lally are giving Cawker City a good little newspaper since they took it over. The front page is all news now.

The K. S. A. C. journalism department has received copies of the Morning Herald, edited by E. D. White-side at Ft. Scott. The Herald recently put out an industrial issue containing a readable historical article about Ft. Scott in which it was noted that Ft. Scott is 11 years older than Kansas—the post office there having been established in 1843.

A 26-page sixty-fifth anniversary edition was published by Stodard and Stodard of the Burlingame Enterprise-Chronicle October 10, and was one worthy of high praise. The Osage County Chronicle was founded by M. M. Murdock at Burlingame in 1863, the first issue appearing September 26. The Burlingame Enterprise and the Chronicle were consolidated in 1919.

Roused by the manner in which

farmers of its territory have been swindled into buying fake stock and poultry remedies, the Marshall County News of Marysville interviewed numerous farmers to find the truth about matters. A column and a half article explaining how farmers had been duped followed with suggestions that the farmer depend more upon local veterinarians. Though the article is long it might bear reproduction by many Kansas newspapers. It appears in the News of October 18.

"The newspaper has its place as an instrument of amusement and as a document over which one can 'kill time,' but its chief function to thoughtful people should be to teach them contemporary history," the Rev. L. M. Birkhead of All Souls Unitarian church, Kansas City, said recently. "Every day the newspaper gives us a page of current history. It should be studied thoughtfully, critically, and with imagination." The Reverend Birkhead would make a good circulation manager.

IT'S IN KANSAS WHERE FRIED CHICKEN REIGNS

FARMERS EAT MORE THAN 15 BIRDS PER CAPITA ANNUALLY

Milk Fattening and Poultry Canning Are Late Developments of Industry—Payne Tells of World Poultry Congress

The American people are eating three chickens per capita today where they ate one 50 years ago, and probably no state in the union appreciates the value of poultry as meat better than do citizens of Kansas. Prof. L. F. Payne declared recently.

Figures released by the department of crops and markets, United States department of agriculture, reveal the fact that farmers in Kansas consume slightly more than 15 chickens per capita each year. This places Kansas at the head of the list for the second time. Kansas farmers headed the list in 1923 when the poultry consumption per capita on farms was practically the same as in 1928.

KANSAS PLANT LEADS

"Poultry packers in Kansas early realized the value of quality in market poultry when they installed enormous feeding stations for the purpose of milk fattening poultry after it leaves the farm and before it is slaughtered for market," Professor Payne, who is head of the K. S. A. C. poultry department, continued. "These stations have grown to such huge proportions that now the largest exclusive poultry packing plant in the world is located in Kansas. This plant ships train loads of milk fattened poultry during the course of a year to eastern markets.

"The process employed in the United States consists of confining the poultry in sanitary wire batteries for periods ranging from one to two weeks and feeding all the buttermilk mash the chickens will eat. This gives a juicy quality and a palatable flavor superior to that found in ordinary dry lot feeding but not equal to that found in table poultry in Europe."

THE METHOD IN ENGLAND

The system used in England and France is to crate fatten the market poultry for 10 to 14 days similar to the practice used in this country but instead of killing and dressing the birds at the expiration of the crate fattening period they continue fattening for another week or ten days by cramming. Cramming may be done by hand or by machinery. The object is to cram two or three times as much feed into the crop of the bird twice a day as it would eat voluntarily. This practice adds considerably more to the quality of the rooster and, therefore, it commands a good price. The practice of special fattening is not confined to chickens but it is used on quail, squabs, pheasants, guineas, ducks, and geese.

"The market poultry industry is receiving new interest in this country at present due to demands of the poultry canning industry," Professor Payne continued. "One plant is now canning more than 22,000 market chickens daily. It is timely, therefore, that all interested in the market poultry industry take advantage of the opportunity offered next summer to go to Europe and see the display of market poultry at the World's Poultry congress. The privilege of seeing the display and learning how to produce super quality products will be of value to Americans, as the demand for better quality in this country is constantly increasing."

Allison Cheerleader

Milton Allison of Great Bend again will head the cheer leaders of K. S. A. C. as a result of the tryouts held this week. Allison was varsity yell leader last year. He will be assisted this year by Paul C. Westerman, Wamego; Dwight Chilcott, Manhattan, and Karl Pfuetze, Manhattan. Freshman leaders this year are Sidney G. Dalton, Dodge City; Ed Curtis, Wichita, and Grant W. Page, Detroit.

Heads Freshman Commission

Frances Bell was elected president of the Y. W. C. A. freshman commission Friday, October 11. Other officers elected were Dorothy Rosen-crans, vice-president, and Marjorie Pyle, secretary-treasurer.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, October 30, 1929

Number 7

AZOTOBACTER ASSURES SUPPLY OF NITROGEN

TINY ORGANISM DISCOVERED BY K. S. A. C. SCIENTISTS

Long Research by Doctors Gainey and Sewell May Have Far Reaching Effects on Western Kansas Farming

Wheat farmers and bread eaters the world over will be influenced in their practices and habits by a revolutionary scientific discovery announced recently by two investigators of the Kansas State Agricultural college, Dr. Percy L. Gainey, bacteriologist, and Dr. Malcolm C. Sewell, agronomist.

They have obtained definite evidence of assurance that the nitrogen supply of wheat lands will be indefinitely maintained by the activities of a tiny organism. This is insurance of a permanent supply of wheat to feed the bread eating peoples of the world. Until recently it was thought likely that wheat lands would eventually be exhausted due to the heavy drafts of nitrogen taken by wheat, finally necessitating marked changes in the diet of the millions of bread eating people.

TAKES NITROGEN FROM AIR

The microbe responsible for the maintenance of the soils of wheat lands is known as Azotobacter. It is so small that 500,000,000 live in an ounce of soil. When land is reduced in nitrogen content Azotobacter becomes active and replaces it, taking a fresh supply from the air, like the bacteria connected with the fixing nitrogen in the soils planted to legumes. Azotobacter is at home in all wheat lands which are non-acid in reaction, a characteristic quality of most wheat lands.

Doctor Gainey spent 12 years in research to discover why this microbe would live in certain soils and not in others. When he found out it was determined by the soil's reaction—that, in other words, the germ thrived only in non-acid soils—he invited Doctor Sewell to test his laboratory findings in western Kansas wheat fields.

Plots from which analyses had been made 10 years previously were selected for the practical test. These were on the branch Kansas experiment stations at Hays, Colby, and Garden City. The nitrogen content of these soils 10 years previously was known and it was known that all were neutral or slightly alkaline, supposedly a favorable environment for Azotobacter.

REPLACES THE NITROGEN

Upon examination and analysis, Gainey and Sewell found the microbe was present in these soils and the nitrogen content was unchanged after 10 years of wheat culture. The investigators were convinced that Azotobacter was responsible for maintaining the nitrogen content against losses taken by growing wheat in the 10-year period.

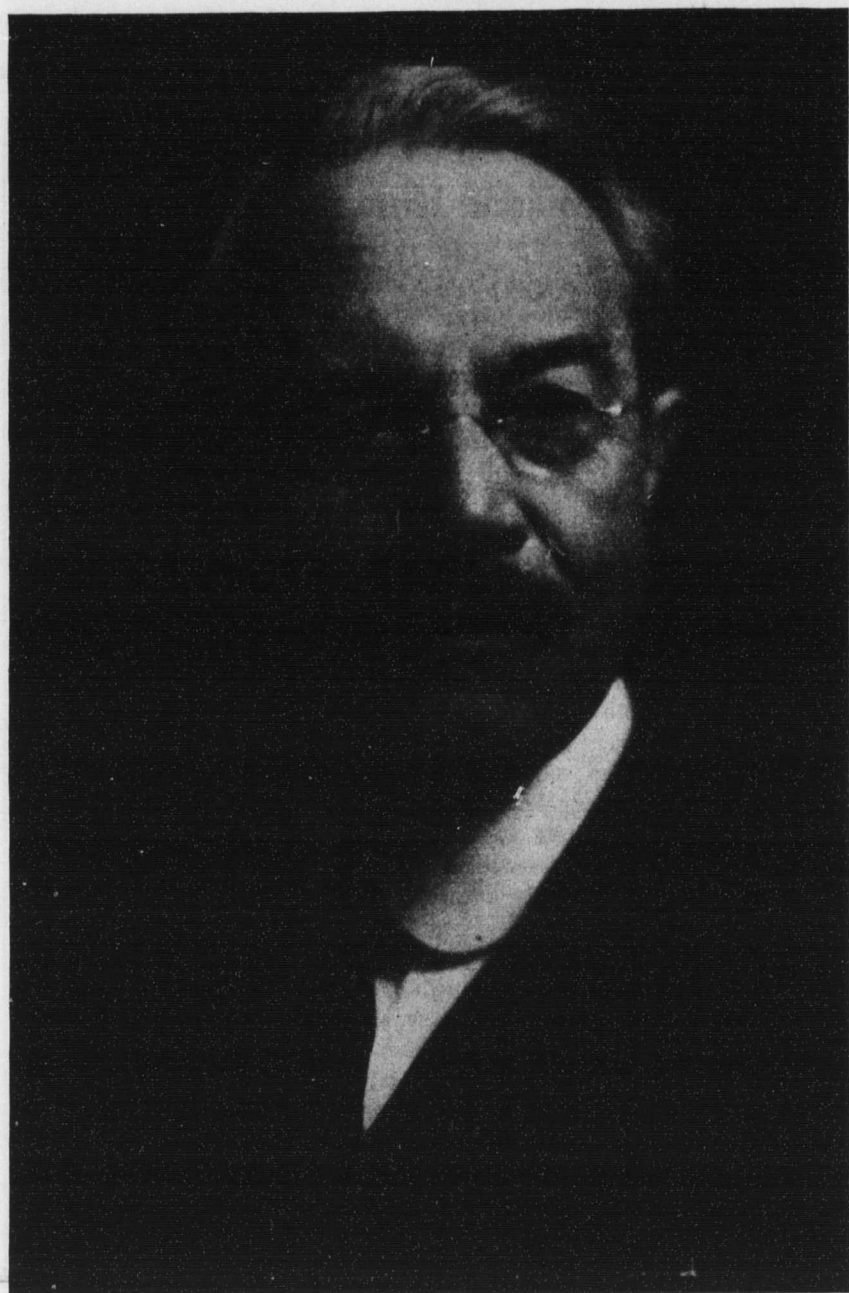
Azotobacter, it is estimated, adds nitrogen at the rate of 40 pounds an acre annually, about the quantity removed in a wheat crop. In the whole of the United States the organism fixes 2,250,000 tons annually, valued at \$900,000,000, figured at the current rate paid for commercial fertilizer.

Due to the activities of Azotobacter, western land cropped continuously to wheat is kept supplied with nitrogen, the principal nutrient taken in wheat harvests. Thus continuous cropping, a practice formerly disapproved, appears, in the light of this far reaching discovery, to be sound.

But the microbe, lazy like most living creatures, gets along on the smallest possible expenditure of energy, maintaining nitrogen merely at the original level, and no more. Tests are now going forward, sponsored by Doctor Sewell, to determine if cheap synthetic nitrogen products added to the soil will increase yields economically.

The telephone wires in the United States will reach around the earth 1,000 times.

Sunday His 'Golden Jubilee'



Dr. Julius Terrass Willard, vice-president of the college and dean of the division of general science, celebrates the fiftieth anniversary of his connection with K. S. A. C. next Sunday. Dean Willard was honored at the commencement exercises in 1927 because of his long period of service. He spoke at college assembly recently on the subject, "Fifty years at K. S. A. C."

JOURNALISM COURSE CHANGES SUGGESTED

GENERAL SCIENCE FACULTY APPROVES CUT TO 120 HOURS

Addition of Psychology, American Government, Geology, and Advanced Reporting are Proposed—Drop Five Hours of Chemistry

Revision of the curriculum in industrial journalism to include 120 hours for women and 124 for men instead of 130 and 134 hours was approved last week by the faculty of the division of general science, and will be submitted to the general faculty for approval soon. The additional four hours necessary for men are those required for military training.

Industrial option requirements are to be reduced from 18 to 15 hours in the new curriculum, and social science option requirements from 15 to 12 hours. American government has been added as a required course instead of a social science option, and psychology A is also added to the list of required subjects, with general geology.

It is proposed to substitute general chemistry for chemistry I and drop chemistry II from the curriculum.

ADD ADVANCED REPORTING

Other changes in the curriculum include the addition of pre-journalism lecture I and II, with one credit each; the dropping of journalism practice I, II, III, and IV; the dropping of principles of typography II; decreasing of rural press from three to two hours, and the addition of advanced reporting, three hours.

The name of the course in industrial feature writing II is to be changed to journalism for women.

Actual practice in reporting, which has previously been given in the "journalism practice" group of courses, will be continued in conjunction with the recitation classes. The advanced reporting course is designed further to train students who

have had the elementary courses in news reporting as distinguished from the writing of feature articles.

Nine credit hours of foreign language study are required in the new curriculum, as in the old. The new course of study will require 30 hours of professional work in the journalism department, while the old course required 32 to 34. The new curriculum also calls for 47 to 48 hours of required subjects as opposed to 43 or 44, and 15 or 16 hours of elective subjects as opposed to from 19 to 22 under the old curriculum.

ADD SPORTS SECTION

Other changes considered in courses in the department include the organization of a special section in elementary journalism for physical education students, both men and women, to fill a function similar to that now filled by the special sections for students in agriculture.

"We feel that the proposed changes in the curriculum are such as to strengthen it and to make it continue to conform with the requirements of standard schools of journalism throughout the country," said Prof. C. E. Rogers, head of the department.

"Reduction in number of hours and shifting of various courses were thought desirable to conform with the standard hour requirements of other schools, and also to accommodate junior college students and transfers from other colleges, who seem to be coming to K. S. A. C. in increasing numbers each year.

"Psychology, American government, and geology, added to the curriculum as required subjects, are all valuable 'background' studies for journalists.

Klod and Kernel Initiates

Five men were initiated into the Klod and Kernel club last week. They were Ralph Germann, Fairview; L. A. Jacobson, Horton; L. M. Sloan, Leavenworth; W. M. Myers, Bancroft; A. M. Schlehuber, Durham.

DEAN WILLARD ENTERED COLLEGE FIFTY YEARS AGO NEXT SUNDAY

VICE-PRESIDENT'S PARENTS CAME TO KANSAS WITH 'BIBLE AND RIFLE' COLONY—EDUCATION WAS HARD-WON HALF CENTURY AGO

BY MRS. H. H. DODDERIDGE

Fifty years ago this fall a native son of Kansas entered college. This Kansas boy was Julius T. Willard, now dean of the division of general science at Kansas State Agricultural college. November third marks a half century of his association and service with the institution.

To the thousands of native sons of today there is nothing unusual about entering college. A college education is taken for granted, but it was not so 50 years ago.

To the Kansas youth, entering college was a serious business. His parents, pioneers, were enduring many hardships of a then unproductive land, and it meant many sacrifices to give this son a college education. His help on the farm was of no small importance. Crops had to be gathered, materials were to be hauled for the new home which was soon to be constructed, and many other duties had to be performed before he could leave the farm. Consequently, Dean Willard was late to school, but his connection was made with the Kansas State Agricultural college, and that connection has continued for half a century. During this time Dean Willard has contributed much that has materially aided the growth and progress of the school.

A half century ago the agricultural college did not boast of modern buildings or of beautifully landscaped grounds as it does today. Dean Willard recalls that there were five small buildings then. The north wing of Anderson hall was used for practical agriculture; chemistry annex number one, the present shop buildings, illustrations hall, and Horticultural hall formed the group of buildings then in use.

No drinking fountains at which thirsty students might quench their thirst were placed conveniently in the halls as they are today, but the pump which stands in front of Denison hall was easily accessible and much used.

Dean Willard was born April 9, 1862, on a farm south of Wabaunsee. His father was a member of the New Haven colony which settled in Wabaunsee county. This colony was journalistically known as the Beecher Bible and Rifle company from the fact that Henry Ward Beecher was directly interested in its promotion, and he had declared that rifles were as essential to the physical protection of the company as Bibles were for safeguarding their spiritual life. The dean's mother was Mary Elizabeth Terrass, a daughter of one of the first settlers of Alma, who had come from Akron, Ohio.

The pioneer instinct is strong in the Willard family. Simon Willard, a paternal ancestor, came to America from England in 1634, locating near Boston. Down the Willard line are many professional men. The grandfather of Dean Willard was a physician, but his father loved the land, and throughout his life was a farmer. The Willard family were abolitionists. Two uncles of Dean Willard gave their lives during the Civil war, and his father served in the local militia in Kansas.

J. T. Willard was born at a time when the nation was engaged in civil warfare, and Kansas was the scene of political and social strife. "Young people of today have never seen hardships, nor have they any conception of hard times," said Dean Willard, recently. "Since the panic of 1907 the financial situation has been controlled. Consequently, there has been no paralysis of business as in previous years."

Comparing students of 50 years ago with those of today, Dean Wil-

lard said, "There is no difference in the native ability of the student then and now, but there is a great change in the attitude toward learning. Fifty years ago the only object of attending college was to receive an education. Today it is the fashion to go to college. Many students are in college to 'acquire a status,' to join a fraternity, or to enter athletics, without any interest in education. Many go as a matter of form, to get a degree, believing it is essential to have one in order to obtain desired positions, or because of its value in making social connections."

Expressing his opinion regarding fraternal organizations connected with college life, Dean Willard said, "Fraternalities, on the whole, help a school. They constitute compact groups, and their cooperation with the college administration is valuable. They are valuable to the students who are members. Their members are comfortably housed, and enjoy the social advantages of being in congenial groups."

"Fifty years ago things were decidedly different. There were few luxuries for the students then. The homes which were open to them for boarding purposes were primitive and poor. Board and room could be obtained at the best places for \$3.50 a week, and many students paid less."

Dean Willard was graduated from the college in 1883. He was at once elected half time assistant in the chemistry department, and took graduate work. He received his M. S. in 1886. In 1891 he became assistant professor of chemistry, and in 1897 full professor in the department. He then became head of the department, a position he held until 1918.

In 1908 the honorary degree of doctor of science was conferred upon Dean Willard, and in 1909 he became dean of the division of general science. In 1918 he was elected vice-president of the college. He has served with six presidents of the institution. The dean was an advisory member of the state board of health for 12 years.

On August 6, 1884, Dean Willard was married to Lydia Gardiner of Wakarusa, a student at the college. The Willards began housekeeping in a small four roomed house which Mrs. Willard's father had built for his children to occupy while they were attending college in Manhattan. In 1887 and 1888 Dean and Mrs. Willard made their home in Baltimore where Mr. Willard was a student at Johns Hopkins university.

Dr. Charles Julius Willard, the only son of Dean and Mrs. Willard, is a graduate of the college, receiving his B. S. degree in 1903. He later attended the University of Illinois where he received his M. S. In 1926 he received his doctor of philosophy degree from Ohio State, where he is now professor of farm crops.

It is the consensus among executives and faculty members of the college that Dean Willard believes in the theory that a thing worth doing is worth doing right. His habitual accuracy is a most valuable trait. He is said to have a remarkable memory, and this coupled with the habit of filing reference material to supplement it, results in the expression, "Ask Dean Willard," when faculty members or students wish to recall some past event.

Dean Willard has a genuine sympathy for the sincere student, and is said to be less impatient with the student who is not serious than some faculty members many years his junior.

Someone has said that in every (Concluded on Page 3)

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
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R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, OCTOBER 30, 1929

A MIGHTY LEAVEN

It will be 50 years ago next Sunday since J. T. Willard came to Manhattan to enter college.

The significance of the event in its bearing on the development of the Kansas State Agricultural college is well appreciated by anybody who has followed the history of the institution for any period of time. In any important change proposed or effected in the greater part of the last 50 years, there has always been felt that deft, inquiring, orderly mind of the man who, a 17-year-old boy, entered college as a student half a century ago last week and stayed on as professor, dean, and vice-president.

President Farrell recently remarked that it was Dean Willard more often than anybody else about whom returning alumni inquired, that it was Dean Willard to whom the presidents of the college have invariably turned for accurate information concerning past practices and policies.

In his academic life Dean Willard has seen the institution grow from the status of an academy accepting students upon completion of district school, to that of a college fully accredited by the highest classifying organization in the country. To say that he has but seen it grow to maturity is short of the truth. Dean Willard through the years of change in the growth of the college has been a mighty leaven—might not one venture the mightiest one?—in the development of a great educational institution.

THE SCIENTIST-JOURNALIST

Journalism and science, but more especially the public that journalism and science serve, mourn the death of Dr. Edwin E. Slosson, scientist, journalist, lecturer, native Kansan. Schooled in chemistry and having an aptitude for writing he devoted the last nine years of his life to founding and directing Science Service, a syndicate which prepares for newspapers and periodicals articles dealing with scientific subjects in a popular manner.

Doctor Slosson's record stands as proof of the theory that to write intelligently of scientific and technical matters one must know the subject in hand. It stands also as verification of the editorial theory that one must write for the man in the street. In this eminent scientist-journalist were combined in proper proportions the necessary qualifications of an ideal industrial journalist. He knew how far he dared go in popularization of the scientific data, he knew how far the scientifically untrained reader would follow him into a maze of technical matter.

Doctor Slosson's life was an inspiration to the scientist working in a democracy, who is under an implied obligation to make known to the people the progress of his investigations. It was an inspiration, too, to the journalist in this industrial era, when the journalist is under an implied obligation to understand the background of the age that science has brought into being.

SWEEPING TOO CLEAN

There are indications that in sweeping away the superstitions, traditions, and general limitations of the past, the broom of intellectual prog-

ress and freedom may carry away, along with much that should be discarded, many things that civilization can ill afford to part with.

Along with the decay of faith in the old things there has appeared a decay in moral and spiritual fiber; contempt for rules of conduct prescribed by discarded systems of thought goes hand in hand with contempt for laws of any kind. Measured by its new fruits, the new order leaves much to be desired; weighed in its own balance it is found wanting, as even its puzzled protagonists confess.

Casting off the shackles of the past does not, per se, land anyone on the highway of complete understanding, though there is a tendency nowadays to throw off all beliefs more than a quarter of a century old and vainly imagine that anything new must be true.

It is this headlong jettisoning of everything old, together with the air of condescending superiority manifested by those believing in everything new, that is making it difficult to convince the world that fundamentalists in learning, in teaching, and in religion are wrong. The pendulum of intellectual freedom has swung too far.

The derivative theory of the origin of mankind and all other species of life on this planet is accepted by a great majority of ecclesiastics, and many churchmen now look on the scriptures as inspiring literature rather than as divinely revealed immutable truth. Science has come a long way in the past 75 years; much light has been shed on the secrets and processes of nature, but to conclude that it has been shown that there is no justification for a belief in a Creator, that all religious beliefs are fables, and that the doctrine of organic evolution as at present understood satisfactorily accounts for the universe and everything in it, is going a long way beyond anything that the present state of knowledge justifies.

A WORD FOR WALKING

Walking is slow traveling, judged by modern speeds on the ground and water and in the air, but whoever would see and feel a land of farms and view scenery from different angles, must walk. Farmers used to walk five miles where they walk a mile now. Some farm women take more steps in their homes in a day than some men take on their farms in the same time.

Humanity in America is largely and increasingly on wheels. That isn't good for the health, hearts, and heads of people who are able to walk. As a form of recreation, walking is much more popular in Europe than it is here. Millions of Europeans who can afford to ride prefer to walk. In England there are footpaths beside the hard roads. Walking is best in woods, pastures, on dirt roads, and on firm sand along streams and lakes. It is hardly worthwhile if it doesn't produce sweat.

If a man walks, rides a horse or bicycle, or travels in a buggy, he is almost compelled to stay on secondary or back roads. If he drives a car, one of his commonest difficulties is to find a parking space. If he must go somewhere by rail, the trains, except on main lines, are few and far between; in some regions they have been taken off, and the rails torn up. If he goes by motor bus, he is lucky if he gets a seat. If he isn't well-to-do, he can't afford to take the air. If he is subject to seasickness, the prospect of a trip by water wouldn't thrill him. What shall he do? If he isn't in a mad hurry; if he exults in planting his feet upon the ground; if he enjoys stopping, looking, listening and de-touring in the open country; if he welcomes the play of the weather in his face, and desires to remain alive on his feet, he will walk more and ride less. —Dewitt C. Wing in the Rural New Yorker.

THE EMERALD

Raymond Holden

The brave heart, though dismayed
And crushed like winter grass,
Will let no moment pass,
Will never be gainsaid.

Better to love the austere,
The proud, than water or sand—
To love, if not to understand—
To hold the unyielding dear.

Better to love the strong, the walled,
The unattainable emerald shut
In stone that never may be cut
Nor broken but into emerald.

NEAR OBJECTIVES

Of late years there has been much criticism of the American college on the ground that undergraduates do not take their education seriously; that with them it is secondary to social and athletic interests—things in themselves good but which should not overshadow the main object for which the colleges exist.

This criticism has had too much foundation and if the desire of undergraduates for a sound education cannot be increased over what it has been, the American college, in spite of its present vogue, will not endure.

on "Public Playgrounds for Children."

The football team defeated the state normal by a score of 44-0.

Prof. J. V. Cortelyou resigned as manager of athletics at K. S. A. C.

The Ionians and Hamiltons had a joint Hallowe'en party in the girls' gymnasium. Professor and Mrs. Hamilton were chaperones.

THIRTY YEARS AGO

W. H. Phipps, a former regent and secretary of the college, is employed as a bookkeeper by the Baer Com-

The Civil War an Unnecessary Blunder

Fred Albert Shannon

It is now nearly 65 years since the close of the Civil war. These decades have seen more economic and social change in the United States than in the whole two and a half centuries of our growth previous to that conflict. For that reason it has become the habit of political philosophers and others who are long on speculative logic but short on fact to attribute entirely too much of this change to the war itself. In fact, some have gone so far as to attach the title of "Second American Revolution" to what would better be called "America's Most Appalling Blunder" or else "The Great American Tragedy."

Long known facts plus the researches of scores of historians in the last couple of decades have made incontrovertible these two facts: First, the the Civil war was an unnecessary blunder productive of no results except such as were evil or tinged with evil. Second, that, while the economic progress of the United States was, in a few lines, speeded up by the war, the country today would be at least as far advanced as it is without the war and possibly a number of our social ills would be less.

In the same decades in which the United States has been making such astounding strides, many other nations have been keeping pace with her. To explain the reasons for this world economic growth would necessitate a study of the commercial and industrial history of humanity for the past 1,000 or 1,500 years. The same commercial and industrial revolution that produced modern America also brought forth the latent energies of England, Germany, France, and Italy, to say nothing of less developed nations. The United States in her social organization today lags behind some of these states and is in the lead of others.

But to assume that industrial America was ushered in by the Civil war is as puerile as to assert that the development of American railroads is due to the activities of red capped baggage snatchers, news butchers, and those excrescences on the body politic known as Pullman porters and dining-car waiters. True, these parasites add something to the comfort and much to the misery of the traveling public. Their influence is certainly felt more than appreciated, but the general feeling prevails that some way or other the transportation business might possibly be able to struggle along without them, that they are bad examples of good intentions miscarried rather than fundamental factors in the railroad business.

Something similar to this is true of the Civil war. It certainly exerted an influence upon the trend of economic development, but, while it spurred on certain types of activity its baleful effect was felt in a still higher degree by many more. The war was directive rather than motivating in its effects, and the net result is that economically as well as socially and politically the nation suffered in consequence.

The blight of American education is working for near objectives and scoring them off when attained—a tendency encouraged by the system of courses and counting of credits. The aim of a goal should be as remote as possible consistently with its being not so far off that thought of it can be postponed for the present. —A. Lawrence Lowell.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Frances E. Russell, '19, and C. A. Davis, '13, were married at Scott City.

Eunice Ann Baird, '17, was principal of the Hornick, Iowa, high school.

L. C. Moser, '17, had charge of agricultural publicity for the University of Arkansas.

Katherine A. Tucker, '15, and Gladys Burris, '18, had charge of the home economics work in the Chanute schools.

TWENTY YEARS AGO

Prof. W. A. McKeever lectured before the Manhattan commercial club

mission company at Kansas City.

Louise Stingley, f. s. in 1893, was graduated from the training school for nurses at St. Luke's hospital in Denver.

A. J. Pottorf, '99, and Lucy Cottrell, '98, were married at the home of the bride's parents in Waubesa county, October 26.

FORTY YEARS AGO

W. C. Moore, '88, purchased a third interest in the Junction City Union.

C. W. Thompson, '89, assumed the duties of deputy postmaster at Edwardsville.

The college was represented at the Kansas Academy of Science by Dean Willard, Mr. Marlatt, Secretary Graham, and Professors Failyer, Popenoe, and Kellerman.

FIFTY YEARS AGO

Some acorns and a specimen of Japanese oak received from Japan were to be tried in the nursery.

The boarding hall offered board to students at \$1.50 a week and unfurnished rooms accommodations from two to four at \$1.50 a month. The charges for board and room both were \$2 a week.

PROVEN FIELD

Frances M. Frost in The New Yorker

His was a mind
Aptly reasoned.
His was a heart
Grown and seasoned,
Boulder-walled.
He was a field
Giving a calculated
Yield.

The hungry ones
Were scarcely fed,
The curious garnered
Thorn instead.
A scant few feasted
On the sound
Of laughter running
Underground.

SUNFLOWERS

H. W. D.

ANOTHER MODEST PROPOSAL

Newspaper reports of the Carnegie committee's findings in regard to the assembling of football material in American colleges are more or less interesting.

It seems that athletic directors, coaches, alumni, students, camp followers, and even some college presidents are eager to build up good football teams. As a means to that end they have adopted the shockingly shameful device of recruiting good football players from secondary schools.

This, we most solemnly opine, shows a surprising lack of imagination on the part of college-bred people. They should be more original than that, and build their football teams out of oboe or pinocle players. We have a hunch that the sporting public which supports college football would occasionally like to see an afternoon of gridironing with budding poets and adolescent gunmen as the contending parties.

The investigation committee is also surprised to find that athletic departments, in hiring young men to take care of tennis courts, consistently show a preference for athletes who must work their ways through school. Although no mention is made of the fact, it is presumed that music departments show no preference for musicians and that chemistry departments invariably hire fine arts majors in distributing their student-help slush funds.

Somehow or other we cannot help feeling that the gentlemen of the investigation would have made their case a wee bit stronger if they had omitted altogether consideration of these two points. It gives one the suspicion that they are against the recruiting of athletes rather than the evils of the recruiting of athletes.

Lest we be misunderstood, let us state right here that we do not believe in the paying of athletes by colleges directly or by subterfuge for services on athletic teams. Nor do we believe in "soft" jobs for either fullbacks or piccolo players or anybody else. We believe that anybody who parades as an amateur should be an amateur, and that goes for sports both inside and outside of colleges.

However, we are willing to confess to a suspicion that as long as the outside public pays from two-thirds to four-fifths of the gate money at college football games, and as long as human nature puts winning above clean, vigorous playing of the game, and as long as college athletic conference committees make impractical rules regarding the summer activities of college athletes, and as long as so many thousands of people are "crazy" about football—there will be a marked tendency toward the evils mentioned in the paragraph immediately above.

Here is a rule we should like to see some college conference try out, all other rules being thereby abrogated. "No one may be a member of any intercollegiate athletic team who is not a bona fide undergraduate student of the college in good standing with the faculty." We should bar athletic scholarships and the remission of fees to athletes.

If the colleges, under that ruling, are unwilling or unable to clean house—well, a real, honest-to-goodness housecleaning is not to be hoped for.

Why not try stimulating honesty?

Why should there not be a patient confidence in the ultimate justice of the people? Is there any better or equal hope in the world?

—Lincoln.

LOOKING AROUND

KENNEY L. FORD

Hundreds of homecomers saw Manhattan at her best last Friday and Saturday at the end of the week's celebration of the Diamond Jubilee. Poyntz avenue and Aggieville were most impressively decorated overhead with flags and bunting. Following a few days of cold weather, Saturday was a perfect Kansas October day.

Many alumni arrived for the enthusiastic pep meeting Friday evening in the auditorium. Dr. H. H. King was in charge of the meeting. Talks were given by Dr. Howard T. Hill, A. N. (Bo) McMillin, Frank Root, and the Rev. W. M. Guerrant. Following the pep meeting a torch light parade marched down Poyntz avenue and then to the free show.

Saturday morning an informal reception for alumni was held in Recreation center, Anderson hall, followed by the annual Homecoming luncheon.

More than 125 alumni attended the luncheon. K alumni were featured on the program, with Harvey G. Roots, '11, Wamego, as toastmaster. Ralph Snyder, '91, president of the K. S. A. C. Alumni association gave a short address of welcome in behalf of the association. Reva Lyne, '28, Solomon, responded with a fine talk in behalf of K women alumni, stressing also the importance of women's athletics at K. S. A. C.

Jim Douglass, '28, Salina, represented the K men. Douglass urged K alumni and others actively to support athletics at K. S. A. C. by encouraging worthy high school athletes to attend K. S. A. C. Douglass also stated that the K fraternity is anxious to be of service to homecoming K men.

W. Y. Morgan, Hutchinson, chairman of the board of regents, spoke of the splendid future for K. S. A. C. as a college and in athletics.

President Farrell, after welcoming the homecoming alumni, adjourned the meeting in good time for the game.

The Oklahoma-K-Aggie game was worth coming from Massachusetts or New Mexico to see. Only the final score could be objected to by Aggie partisans.

Will Manhattan and K. S. A. C. continue to grow and expand their service to Kansas in the next 75 years as in the past? If the present community and college spirit are indicative of the future, then most certainly growth and expansion are assured.

The following alumni registered at the alumni office:

Vernon M. Norrish, '26, Lynn, Mass.; William O'Connell, '16, Marysville; Elizabeth McCall, '18, Dodge City; Mary D. Ziegler, '16, Pratt; Maude Sayers DeLand, '89, Topeka; H. S. Loyd, '15, Valley Center; I. L. Fowler, '15, Claremore, Okla.; Will D. Austin, '10, Isabel; J. B. Ginery, '10, Mucutine, Iowa; Albert Deitz, '85, Kansas City, Mo.; Virginia Sherwood Hodgeson, '12, and Archie L. Hodgeson, '14, of Harveyville; Nell Flinn, '16, Manhattan; Winifred M. Edwards, '27, Manhattan; W. H. Grinter, '12, Perry; Lois Mendenhall, '19, Manhattan; Glenn E. Thomas, '28, Ness City.

Joe Anderson, '29, Salina; Dr. and Mrs. A. J. Miller, '24, Grandville, Iowa; Lester H. Means, '23, Schenectady, N. Y.; O. R. Cragun, '23, Milford; Dr. C. R. Omer, '29, Wichita; Mrs. Frances Schapp Wilkie, '28, Tulsa, Okla.; W. M. Posey, '06, Larned; George D. Lingelbach, '24, and Mrs. Vera (Corbet) Lingelbach, '21, of Wichita; Dorothy Mae Davis, '28, Herington; Carrie E. Davis, '28, Herington; Eunice Grierson, '29, Lane; Hazel Romer, '29, Holly, Col.; Myrtle A. Gunselman, '19, K. S. A. C.; Joe H. Cool, '20, Glasco; Grace W. Rude, '85, Great Bend; W. T. Scholz, '07, and Mrs. Neallie (Harbaugh) Scholz, f. s., of Hutchinson.

H. W. Avery, '91, Wakefield; Ethel Trump, '24, Manhattan; Carroll Walker, '07, Frankfort; Roy W. Kiser, '14, and Mrs. Eva M. Kiser, '15, of Salina; Ruth L. Webb, '20, Kansas City; Thornton J. Manry, '22, Kansas City, Mo.; Maude (Lahr) Trego, '22, and W. W. Trego, '24, of Kansas City, Mo.; Thomas G. Storey, '21, Kansas City, Mo.; Evelyn (Pebley) Griffiths, '27, Manhattan; Vera (Chubb) Russell, '26, and L. O. Russell, '26, Kansas City, Mo.

A. E. Bilger, '25, Hiawatha; D. L. Signor, '21, Effingham; Elizabeth Fairbank, '29, Topeka; Claire Cox, '28, Moran; Mrs. Katharine (Paddock) Hess, '00, Manhattan; Mrs. Gladys N. Dearborn, '10, Manhattan; H. W. Johnston, '99, Manhattan; Schuyler Nichols, '98, Manhattan; K. I. Church, '23, Wichita; L. F. Whearty, '22, Westmoreland; Bob Christian, '11, Wichita; W. E. Bruce, '17, Washington, D. C.; W. E. Robison, '20, Wichita; O. A. Findley, '11, Kiowa; Charles W. Shaver, '15, Salina; B. W. Conrad, '95, Sabetha; Mrs. Eusebia (Mudge) Thompson, '93, Manhattan.

Dwight E. Hull, '17, and Mrs. Mary (Johnson) Hull, '15, Salina; Conie Foote, '21, Manhattan; Maude Deely, '23, Manhattan; Norma Knoch, '23, Harveyville; G. A. Holloway, '23, Manhattan; Catherine (Barnhisel) Farrell, '25, and L. S. Farrell, '27, of Minneapolis.

olis, Minn.; Earle W. Frost, '20, Kansas City, Mo.; Rose (Farquhar) Carnahan, '17, Lincoln, Neb.; Blanche Brooks, '25, McPherson; Carl L. Howard, '20, Emporia; Harvey G. Roots, '11, and Mrs. Pearl (Smith) Roots, '11, Wamego; Ellen M. Batchelor, '11, K. S. A. C.; E. L. Cottrell, '99, Zeandale; Reva Lyne, '28, Solomon; Mary Turnstall Auferhar, '16, Wichita; George S. Gillespie, '13, Kansas City, Mo.; Amy Allen, '04, and Jessie Allen, '08, of Topeka; Lester W. Servis, '26, Salina; Wilfred J. Kraus, '26, Hays; C. M. Correll, '00, Manhattan; Ralph Snyder, '90, Manhattan; W. F. Pickett, '17, Manhattan; L. A. Williams, '16, Hunter; Luella Morris Noble, '21, Ruby Pruitt White, '23, Wichita; James W. Linn, '15, and Mrs. Mary Nixon Linn, '14, Manhattan.

Ellis B. Babbitt, '24, and Mrs. Marian Randles Babbitt, '24, of Kipp; Alice Manley, '29, Salina; Vergie McCray, '10, Independence, Mo.; Miriam Swingle Joss, '96, Washington, D. C.; Florence L. Dial, '19, Manhattan; Fred W. Dial, '97, Manhattan; Mr. and Mrs. Merle W. Converse, '18, Eskridge; Grace Herr, '22, Fort Scott; Nelson H. Davis, '16, Delavan; Edward Watson, '24, Kansas City, Mo.; Virginia Dodd Jenkins, '15, Wamego; Valeda Downing Trebar, '15, Stafford; Mrs. L. R. Berner, '26, Clifton; Mary C. Purcell, f. s., Manhattan; and Opie Mowrey, f. s., Luray.

Albert Deitz, '85, Kansas City, Mo., enjoyed Homecoming activities at K. S. A. C. He says that he was the first Aggie to kick a football on the K. S. A. C. campus.

While here Mr. Deitz made preliminary arrangements with the board of directors of the K. S. A. C. Alumni association to establish an endowment in the alumni loan fund. It is very fitting that Mr. Deitz should build himself for all time into K. S. A. C. through the alumni loan fund.

Relatives in the east sent the football to Professor Shelton, a professor of agriculture living in the old armory on the campus at the time. Deitz, seeing the Shelton children playing with the ball, took the opportunity to register the first kick and start a new major activity at K. S. A. C.

AMONG THE ALUMNI

Martina A. Martin, '27, is working for the Veterans' Bureau, National Military Home, Los Angeles, Calif.

K. C. Manny, f. s., was a recent campus visitor. He is the owner of four theaters in Los Angeles, Calif.

Floyd E. Israel, '28, is employed as a research engineer by the Meade Pulp and Paper company of Chillicothe, Ohio.

R. Raymond Marshall, '26, is a salesman with the Goodrich Rubber company with headquarters in Houston, Tex. Marshall has been with this company since graduation.

Bertha (Anderson) Barnard, '18, and children Patricia and Betty, of 92 E. Terry street, Portland, Ore., visited the campus during July on their way home from an eastern trip.

Boyd F. Agnew, '20, of 904 N. Curtis street, Alhambra, Calif., in applying for annual membership in the alumni association, says "The Aggies' 6-0 win over K. U. October 19 is worth \$3."

A. E. Anderson, 2518 C street, Lincoln, Neb., has charge of the cooperative state and federal crop and livestock reporting service for Nebraska, which position he has held since 1914. Mr. Anderson was graduated in 1911 in journalism and again in 1914 in agriculture.

Dr. Glenn E. Whipple, '11, Corn States Serum company, 1025 Main street, Omaha, Neb., visited the college the latter part of August with Mrs. Whipple and their small daughter. Doctor Whipple had not been here for more than six years and mentioned many changes and improvements.

Fred Masek, '28, of the Bell laboratories, New York City, was a visitor in Manhattan last summer. Fred likes his job, but hopes for a transfer to the middle west within a year or so. He sees R. E. Kimport, '27, 52 West Union street, Bayshore, Long Island, N. Y., former Aggie track captain, quite frequently.

Alumni Board Meets

Ralph Snyder, president, presided over a regular meeting of the board of directors of the K. S. A. C. Alumni association Saturday, October 26.

Other directors present were: H. W. Avery, Wakefield; C. E. Friend, Lawrence; E. L. Cottrell, Wabaunsee; W. E. Grimes, R. A. Seaton, R. J. Barnett, Manhattan. Members of the advisory council present were: Charles W. Shaver, Salina, and Loren Lupfer, Larned.

The next regular meeting of the board will be November 23, 1929.

COMMITTEE ANALYZES ADVANCED STUDENTS

FINDS THEY COME HERE FROM 94 SCHOOLS

Those Requesting Credit for Work Done at Other Institutions Number 302 Between July 1 and October 1

Students from 94 colleges, universities, and junior colleges requested advance standing at the Kansas State Agricultural college during the period July 1, 1929, to October 1, 1929, an analysis by the committee on advanced credit shows. From these 94 institutions 302 students came to enroll at K. S. A. C. for the fall semester.

In the group of 94 colleges were 18 of junior college rank which contributed 69 students of advanced standing. Seventy-six other colleges and universities sent the remainder of the advanced students, or 233.

MORE ADVANCED STUDENTS

The report of the committee, of which Dr. L. D. Bushnell is chairman, shows an increase in the number of advanced students this year over last year. The 302 figure of this semester compares with 279 a year ago when 96 colleges and universities of all rank were represented. Last year the junior colleges sent 43 advanced students to K. S. A. C., whereas the number this fall is 69.

The junior colleges of El Dorado and Garden City each contributed 12 students, Iola and Fort Scott junior colleges contributed 5 each, and Kansas City, Kan., and Parsons junior colleges contributed 4. Apparently K. S. A. C. finds favor with finishing schools for women, the record for them reading Christian college, 2; Lindenwood, 5; Stephens college, 6; William Woods, 1; and Ward-Belmont, 1.

Students enrolled this fall from other junior colleges are as follows: Modesto, Calif., 1; Coffeyville, 2; Highland, 1; Hutchinson, 2; Miltonvale, 1; Kansas City, Mo., 1; and Kemper, 4.

An interesting section of the report of the committee shows the curricula requested by students admitted with advanced rank. The students are grouped under this classification first as junior college students and again as a whole regardless of the schools formerly attended. Duplications are subtracted to leave the total of 302 students. On this basis the students coming from junior colleges requested courses as follows:

THE CURRICULA CHOSEN

Agriculture, 2; agricultural engineering, 1; architecture, 1; civil engineering, 7; architectural engineering, 1; chemical engineering, 4; commerce, 1; electrical engineering, 9; general science, 8; home economics, 16; industrial chemistry, 2; industrial journalism, 2; mechanical engineering, 6; physical education, 4; public school music, 2; no course indicated, 2; veterinary medicine, 1; making a total of 69.

Considering all students admitted, curricula were requested as follows:

Agriculture, 19; architecture, 10; agricultural engineering, 4; architectural engineering, 2; civil engineering, 19; industrial chemistry, 3; mechanical engineering, 18; electrical engineering, 25; landscape architecture, 5; general science, 53; chemical engineering, 10; industrial journalism, 11; physical education, 16; public school music, 9; veterinary medicine, 2; commerce, 16; home economics, 78; voice, 1; no curriculum designated, 33; making a total of 334, less duplications (32), for a total of 302.

Farrell Advises Bankers

President F. D. Farrell has been appointed to the advisory council of the agricultural commission of the American Bankers' association by J. G. Lonsdale, recently elected president of the organization. Lonsdale is head of the Mercantile Commerce Bank and Trust company, of St. Louis.

Elizabeth Southwick, '26, spent the summer in dietetic training at Lakeside hospital, Cleveland, Ohio, and now has a position as dietitian in the diabetic department of the Cleveland clinic.

Hugh W. Wilkins, f. s., K. S. A. C. and graduate of the University of Illinois, and Hazel (Gardner) Wilkins, '23, of Chicago, Ill., were in Manhattan the early part of June visiting old friends.

Stadium Drive Total \$8,500

More than \$8,500 has been pledged so far in the annual fall stadium drive among new students, according to announcement of Karl Pfuetze, chairman of the committee on the drive. Work this week is being concentrated on fraternity and sorority members, and the canvass of those not living in organized houses will be started next week.

OUR OWN FOLKS

Every Aggie alumnus should enjoy reading the six page illustrated article in the September issue of the College Humor magazine, entitled "Kansas State Agricultural College." The author is Eugene Surlman, a brilliant Armenian former student in agriculture, who left K. S. A. C. in 1922 to fill a Red Cross position at Lincoln, Neb. Surlman later contracted tuberculosis and spent some time in a sanitarium at Albuquerque, N. M. His vivid story of college life would lead one to assume that he is enjoying good health again.

The following are a few quotations from Surlman's picture of K. S. A. C.:

"I've seen quite a number of college campuses, but I haven't yet seen one that could be matched in beauty with K. S. A. C's."

"There is no subject hated, feared, and respected more at K. S. A. C. than the freshman work in chemistry. It's this work that breaks the necks of the football giants and makes the pretty co-eds wish they hadn't refused the marriage proposals they received before boarding the train to come to Manhattan."

"Let me introduce you to Dr. H. H. King, the cheerful head of this department of severe countenance. His pink, clean shaven, good looking face is aglow with vital chemical energy."

"Is there a graduate or former student of K. S. A. C. from Johannesburg, South Africa, to Fairbanks, Alaska, who can ever forget recreation center in Anderson hall?"

"K. S. A. C's new president is a tall, handsome, well dressed philosophically minded doctor of agriculture, one of the youngest college presidents in the country and in my opinion, the most civilized agriculturalist."

"Nichols gymnasium is a white old-armory-castle type of structure, but modern in every respect and one of the largest and finest gymnasiums in the middle west."

"When I first enrolled at K. S. A. C. in the fall of 1922, I read 'Beat K. U.' orders chalked in big white letters on the walks and avenues here and there on the campus."

"The Women's Athletic association is no mean organization on the campus."

"The campus is swarmed by some 1,500 girls."

"They all marry in Kansas. Every week the alumni page of THE INDUSTRIALIST is full of engagement, marriage, and birth announcements."

"Be democratic" is a time honored Aggie slogan.

"There are the sleek and snappy Kappa Sigs, the less fashionable but more serious Acacias, and of course, the inevitable Farm house residents where the ags, who have learned not to shave their necks, eat good pies and read Henry and Morrison's 'Feeds and Feeding'."

"Doc Holtz, A. B., Ph. M., B. D., Ph. D., men's adviser and secretary of the Y. M. C. A., with his huge bald head, gives you the impression of a German chancellor."

"K. S. A. C. was the first school in the country to start a college of the air as part of its extension division."

"One of the best equipped schools of veterinary medicine in the country is on the K. S. A. C. campus."

"You can see Doctor Ibsen, quiet and sorrowful, carrying on his genetics experiments among the soft, gentle eyed, and warm looking little guinea pigs."

"There are about 6,200 alumni living today. I have been furnished with a list of positions now held by K. S. A. C. graduates and I'm amazed at the variety of occupations."

"An agricultural college is not a school where only agriculture is taught."

Susan Scott, '28, is head dietitian at San Jose hospital, San Jose, Calif.

RECENT HAPPENINGS ON THE HILL

"Cosmo Ditties," the annual entertainment presented by the Cosmopolitan club, will be given Friday, December 13.

George E. Farrell, supervisor of extension work for the central states, was the speaker at student assembly, Wednesday, October 23.

The Joseph D. Havens company of Kansas City, Mo., has been awarded the contract for the printing of the 1930 Royal Purple. This company was selected from several bidders by the Royal Purple board and staff.

Fern Barr and Genevieve Crowley left October 25 for Columbus, Ohio, where they will attend the sixtieth anniversary convention of the Methodist Women's Foreign Missionary society as representatives of K. S. A. C.

"The Farm Shop," a bulletin prepared by Prof. E. C. Graham, of the shop practice department, and Prof. C. K. Shedd, of the rural engineering department, has just been published by the engineering experiment station.

Novels of satire and sophistication were discussed Tuesday evening, October 22, by Prof. R. W. Conover, in the first of a series of lectures by members of the English department of the college. The novels of Saki (H. H. Munro) were discussed.

Five men became members of the Klot and Kernel club at a meeting October 22. They were Ralph Germann, Fairview; L. A. Jacobson, Horton; L. M. Sloan, Leavenworth; W. M. Myers, Bancroft; and A. M. Schlehuber, Durham. Membership is open to upper classmen in agronomy and to members of the agronomy faculty.

Coaches from the various literary societies entered in the annual intersociety debates, have been elected. Those representing the different societies are: Eurodelphians, Bessie Leach; Franklins, Fred Bosley; Ionians, Louise Reed, Athenians, Francis Coyle; Websters, Ross Anderson; Brownings, Junieta Harbes; Hamiltons, Harold Treagle.

Distribution of the student activity fund has been made by the board and approved by President F. D. Farrell. No great changes are noticeable except in the case of the athletic department and the girls' meats judging team, each receiving a larger amount than last year. The members of the board which apportioned the fund were James Yeager, chairman; James Bonfield; James Pratt; Prof. R. I. Throckmorton, and Prof. H. W. Davis.

Theta Tau, society of Presbyterian girls who are students at K. S. A. C., was reorganized and held initiation services Monday, October 7, at the home of the Rev. and Mrs. William Guerrant, followed by a banquet at the Warehouse hotel. Thirty-eight girls were initiated at this meeting. The sponsors of the organization are Miss Grace Derby, Miss Grace Henderson, Mrs. Randall Hill, Mrs. R. H. Brown, Mrs. Sallie Darden, Mrs. Dan Blanchard, and Mrs. Guerrant.

DEAN WILLARD ENTERED COLLEGE 50 YEARS AGO

(Concluded from page 1)

institution there must be someone to look after organization details, someone to see that things are done correctly, or chaos will reign. At K. S. A. C. that someone is Dean Willard.

Dean Willard is a member of the American Association for the Advancement of Science, the American Chemistry society, the National Educational association, the Kansas Academy of Science. He is a member of Sigma Xi, Phi Kappa Phi, Gamma Sigma Delta, and Alpha Zeta. He is a thirty-second degree Mason, and a member of the Acacia fraternity. He is the author of "Organic Compounds of Everyday Life." He has written a valuable and interesting history of the Kansas State Agricultural college; a chapter on the school for William Connelly's book, "Kansas and Kansans," and numerous bulletins which were published while he was connected with the college experiment station. Dean Willard is in Who's Who.

SOONER-AGGIE GAME FINE FOR SPECTATORS

OKLAHOMANS WIN HOMECOMING
BATTLE BY 14-13 SCORE

McMillin Men Cut Loose With All the
Varieties of Passes in the Foot-
ball Book—Weather Man
'Dolled Up'

(By H. W. DAVIS)

Last Saturday, October 26, 1929, was spectators' day at Ahearn field, Kansas Aggie campus. Oklahoma won a 14 to 13 football game from "Bo" McMillin's fighters that was a rapid-fire flash of thrills from whistle to pistol, and nobody knew until the very last fraction of a minute just how it was all going to turn out.

It was exactly the kind of football that makes the spectator slap you on the back and tell you he got every penny's worth of his admission money and then some. Snappy off-tackle plays, battering line bucks, and sweeping end runs were mixed in a glorious profusion and matched with clean-cut tackling and stubborn line defensive. And how the passes did zip through the air—short passes, long passes, double passes, triple passes, backward passes, lateral passes, and forward passes. For the delectation of the home-comers the Aggies offered an even two dozen attempts to gain by air and succeeded brilliantly in exactly half of them. Oklahoma tried three, but in each case the Aggie defense was to alert.

WEATHER MAN DOLLED UP

Even the weather man was all dolled up in his best bib and tucker and his smiling mood. Perhaps it was a little warm for the players but the thousands of excited fans couldn't have been more comfortable. And though it was just about the hardest game to lose that you ever heard of, the Aggie support in Memorial stadium said it was too bad, of course, and all that, but oh, what a football game to look at—all of which it most certainly was.

Of course you have already read the story of the game in some paper or other, or some friend luckier than you has written you all about it. But it might be well to say that the Aggies scored in the first quarter after a long pass to the Oklahoma ten-yard line had been unduly interfered with by a Sooner defense man. Tucker's kick for extra point was low. Oklahoma chalked up seven points in the second quarter at the conclusion of a terrific line-smashing drive down the field. They added another seven counters in the third quarter after a badly muffed up attempt to pass by the Aggies had lost the Wildcats the ball on their own 14-yard line. In the last session the Aggies forward-passed their way to one touchdown and almost to two more—one of the most hair-raising quarters of modernistic gridironing ever witnessed on anybody's football field.

TWO SNAPPY HOURS

But the mere story of the scoring gives you only a faded picture of the game. One likes to remember it as two hours of snappy, tricky, vigorous offensive banged up against alert, intelligent defensive. One hesitates to recall, especially if he is an Aggie, which team it was that rang up the 14 counters and which had to content itself with the very unlucky 13.

Warren, Mills, Mayhew, and J. Lee for Oklahoma did work that must have made coach Linsey pat them most enthusiastically on the back when they came in. Warren and Mills did a lot of pretty ball lugging, and Mayhew and Lee did some earnest tackling and keen hounding of the ball. Wiggins, Price Swartz, Nigro, McMillin, and Meissinger played brilliantly for "Bo" McMillin and for everybody else who saw the game. But more pleasing than the best of the individual work was the smooth team play of both the contending parties. And that, after all, is what coaches are paid for and what discriminating fans like to spend their money to see.

Here is the summary of the game in figures, if you care for figures:

Swartz.....	L.E.....	Taylor
Tucker.....	L.T.....	J. Lee
Yeager.....	L.G.....	Stanley
Meyers.....	R.G.....	Fields
Bauman.....	R.T.....	Marsh
Cronkite.....	R.E.....	Gerry
Towler.....	R.H.....	Church
Evans.....	Q.B.....	Mayhew
Nigro.....	L.H.....	Warren
Meissinger.....	R.H.....	Mills
Wiggins.....	F.B.....	Crider

Officials: Referee, Leslie Edmonds; Ottawa; F. E. Denny, Brown, umpire;

Dwight T. Ream, Washburn, head linesman; Dr. J. A. Reilly, Georgetown, field judge.

Score by periods:

Kansas Aggies.....	6	0	0	7-13
Oklahoma.....	0	7	7	0-14

The summary: Earned first downs—K. S. A. C., 11; Oklahoma, 4. First downs from penalty—K. S. A. C., 1; Oklahoma, 1. Yards gained from scrimmage, exclusive of forward passes—K. S. A. C., 131; Oklahoma, 103. Offensive plays, including forward passes—K. S. A. C., 81; Oklahoma, 50. Average gain per play—K. S. A. C., 31-3 yards; Oklahoma, 2 yards.

Forward passes—K. S. A. C. attempted 24 completing 12 for 148 yards; Oklahoma attempted 3 completing 0 for 0 yards. Passes intercepted—K. S. A. C., 1; Oklahoma, 2. Fumbles—K. S. A. C., 3; Oklahoma, 1. Own fumbles recovered—K. S. A. C., 1; Oklahoma, 2. Punt—K. S. A. C., 8 for 310 yards, an average of 37.5 yards; Oklahoma, 10 for 269 yards, an average of 27 yards. Average runback of punts—K. S. A. C., 10 yards; Oklahoma, 15 yards. Total yards gained from scrimmage and passes including runs after pass—K. S. A. C., 279; Oklahoma, 103. Kickoffs—K. S. A. C., 1 for 48 yards; Oklahoma, 5 for 262 yards. Penalties—K. S. A. C., 7 for 55 yards; Oklahoma, 5 for 30 yards. Yards lost from scrimmage—K. S. A. C., 22; Oklahoma, 1. Times out—K. S. A. C., 3; Oklahoma, 3. Scoring, touchdowns—K. S. A. C., Swartz 1, Nigro 1; Oklahoma, Mills 1, Kirk 1. Point after touchdown—Mayhew 2; pass Cronkite to Meissinger.

Substitutions: K. S. A. C.—McMillin for Evans; Fiser for McMillin; Prentup for Meyers; Norton for Prentup; Brookover for Tucker; Daniels for Towler; Meyers for Norton; Fiser for Meissinger; Weller for Nigro; Auker for McMillin; Evans for Auker; Hrabar for Meyers; Barre for Hrabar; Platt for Evans; Prentup for Platt. Oklahoma—Kirk for Crider; Nelson for Stanley; Ewing for Marsh; Blanton for Nelson.

Aggies Win in Cross Country

The Kansas Aggie cross country team defeated the Oklahoma Aggies and Oklahoma university in a triangular meet at Manhattan last Saturday afternoon. The K-Aggie score was 29, the Oklahoma Aggie total 45, and the Sooner total 46. Captain H. S. Miller of the K-Aggie team was first with a time of 26 minutes and 11 seconds, with Jenkins of the Oklahoma Aggies second and Dawson of Oklahoma third, closely followed by Toadvine of the K-Aggies.

Consider Football Opponents

Football opponents under consideration in making up the 1930 schedule of the Kansas State Agricultural college include Wisconsin university, Michigan State college, the Colorado Agricultural college, and West Virginia university, according to M. F. Ahearn, director of athletics. Indications are that either West Virginia or Wisconsin is sure to be on the schedule.

Big Six Standings

	W.	L.	T.	Pct.
Missouri.....	1	0	1	1.000
Oklahoma.....	1	0	0	1.000
K-Aggies.....	1	0	0	.500
Kansas U.....	1	0	0	.500
Nebraska.....	0	1	0	.000
Iowa State.....	0	2	0	.000

The tractor, the combine, and the truck are a big help to economical production and better rural life.

PROGRESS OF KANSAS PRESS

F. E. C.

A. B. Adamson, former owner and part owner of the Beloit Daily Call, has transferred his financial interests in the paper to his son, A. B. Adamson, jr. It is to be regretted that his retirement was caused by failing health.

Someone on the force of the Herington Sun apparently recognizes a picture story when they see it, for in the Sun there appeared recently a reproduction of a "car that pennies bought," together with the man who made the unusual purchase. We suppose it was an entirely local story and the oddity of the incident—a judge buying a Ford town sedan with pennies saved—justifies the expenditure for a halftone.

Editor Higgins published last week another of his 20-page special editions boosting the dairy, poultry, and packing industry of his community at Linn, Washington county. This time it's the Hoerman Packing company that gets the 12-page special section because the company recently completed a new plant. Higgins' paper is the Linn-Palmer Record, one of the few Kansas papers that successfully serves two small towns.

Relative to an expected flood of unordered Christmas cards, Editor Hershel Kanner of the Scandia Journal interprets the law concerning the obligation of anyone who receives

FARM NEEDS BUSINESS METHODS AND LEADERS

EXTENSION WORKERS TRYING TO
SUPPLY THEM

U. S. D. A. Speaker Outlines Service
Aims to Fellow Worker—155 Kan-
sas Leaders Attend Annual
One Week Conference

"Two great needs of agriculture, the development of farming into a business and creating an agricultural leadership, are the fundamental problems that the agricultural extension service of the United States is trying to solve," said George E. Farrell of the Washington, D. C., agricultural extension service, in speaking at the college assembly, Wednesday morning, last week.

Recent development of farming into a business conducted along business lines has made it possible for one out of five people in the United States to produce the food needed for the other four, Mr. Farrell said. In China without this development, it requires nine and one-half people to produce the food for 10 people, and in Russia eight out of 10 people are required to produce the food supply.

BROUGHT EXTENSION WORK

Agricultural extension is a natural development of the educational system of our nation. The growth of this system gave us first the common school, the high school, and then the college. Up to this stage it was believed, according to Mr. Farrell, that people of 25 years or older could not learn and it was of no use to try to teach them. Now, however, it is known that the average person can learn easily up to ages of 55 or 60. The 5,500 extension workers in the United States, 99 per cent of whom are college graduates, are now carrying on the new development in education throughout the United States and in doing so are developing the necessary rural leadership.

Another vital feature of the job of developing rural leadership is the training of farm boys and girls, which is carried on through the 4-H club program of the extension service. This program is now reaching 700,000 boys and girls in the United States, 12,000 of whom are in Kansas.

"A farm must produce not only a living but a life," the U. S. D. A. extension man said. "In order to produce a life and to train the farm boy or girl for leadership, the farm home must be able to provide these future leaders with proper education, proper surroundings, and healthful conditions."

ATTENDED FOOTBALL GAME

Approximately 155 agricultural and home economics extension workers attended the one-week extension

conference climaxed by attendance at the Kansas Aggie-Oklahoma university football game Saturday afternoon.

Aside from Mr. Farrell, principal outside speakers were W. K. Charles, radio program director of Swift and company, Chicago, and Miss Nell Snead, women's page editor, Kansas City Star.

Significant trends in radio programs were pointed out by the Swift company speaker. People have come to take good radio programs for granted, he said, and no longer write "thank you" letters any more than they thank Uncle Sam for rural routes, or editors for issuing good papers, or theaters for good shows.

"The family as a whole looks to the loud speaker for entertainment," Charles maintained. "A 30 minute program should be divided approximately as follows: 8 minutes for a talk, entertaining even if educational; 2 to 3 minutes for announcements; and 19 to 20 minutes for music."

"It is a striking fact that radio—a wireless contrivance—has developed into the greatest user of wire service," Mr. Charles declared. "A national broadcasting company in 1928 paid in excess of \$1,350,000 for wire tolls on its special network circuits. This year it will spend more than \$2,000,000 on wire tolls, more than any other individual user of American Telephone and Telegraph service."

BURGLARS RANSACK ANDERSON— GET NEARLY \$2,200 IN STAMPS

Post Office Supplies Stolen from Registrar's Vault

Stamps and a small amount of cash belonging to the college post office, to a total value of \$2,183, were stolen from the vault in the registrar's office Sunday by burglars who ransacked various offices in Anderson hall. A sum of money slightly in excess of \$30, belonging to the registrar's office, also was taken from the vault.

Doors were broken, apparently by means of a small iron bar, on the alumni office, recreation center, the extension office, and the registrar's office. The combination had been hammered off the vault in the registrar's office.

Kenney Ford, alumni secretary, discovered that his office had been broken open when he came on the hill Sunday afternoon. Investigation revealed the burglary. Money taken in for alumni tickets to the K-Aggie-Oklahoma football game Saturday had been removed to the bank Saturday afternoon.

The stamps stolen were the property of the college. The post office on the hill is not a federal sub-station, and buys its stamps outright.

This Story Half Untold

A would-be reporter for THE INDUSTRIALIST got hurried last week in writing an account of the K. S. A. C. dairy judging teams and left the story only half told. It was explained that individual members of the dairy cattle judging team placed creditably at the National Dairy show contest, but the fact was omitted that as a team they placed third among 28 teams. Almost any placing above fifth is considered a coveted rating.

Members of the team were John Wilson, Geneva; Richard Stumbo, Bayard; Howard Bradley, Kidder, Mo.; and H. W. Cave, coach.

Poultry Contest Saturday

The annual K. S. A. C. student poultry judging contest will be held Saturday, November 2, in room 255. Waters hall. The contest is sponsored by the student poultry club and is open to all students regularly enrolled at K. S. A. C.

Contestants may judge in one of the four following sections: 8 a. m., 10 a. m., 1 p. m., and 3 p. m.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. 0, Aggies 6.
Oct. 26—Oklahoma U. 14, Aggies 13.
Nov. 2—Missouri U. at Columbia.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

MISSOURI TIGERS NEXT ON K-AGGIE SCHEDULE

WILDCATS MEET BIG SIX LEADERS
NEXT SATURDAY

No Serious Injuries Received in Oklahoma Game—Captain Freeman Only Regular on Doubtful List—Squad Leaves Thursday

Accompanied by an assorted set of horseshoes, four leaf clovers, and rabbits' feet, the Kansas Aggie football squad will entrain for Columbia, Mo., at 10 o'clock Thursday night, and will meet the Missouri Tigers Saturday. The good luck charms have been added to the regular traveling equipment as a result of the Oklahoma game Saturday.

MISSOURI BIG, TOUGH

Missouri is rated as the big, bad team of the conference this year, and is said to have outplayed Nebraska last Saturday although the game ended in a 7 to 7 tie. Despite Missouri's impressive record a few dissenting voices have been heard in the chorus which is picking them to win from the K-Aggies. One of these voices was that of Coach Adrian Lindsay of Oklahoma university, who averred after the Wildcat-Sooner tussle that the Wildcats would take the measure of the Tigers, even though the latter are said to possess the best team in Missouri history.

To conquer Missouri the K-Aggies must play football equal to that displayed against Oklahoma, with the mistakes thrown out. Missouri has a line the equal in weight of the Aggies, and a backfield several pounds heavier to the man than the Manhattanites. Captain John Waldorf, one of the big factors in the Missouri victory over the K-Aggies last year, is playing quarterback for the Tigers, but Bob Merhle, said to be Missouri's most shifty back in 1928, has completed his competition. Replacing him Coach Henry has Russell Dills, the lad who ran 100 yards to score a touchdown against K. U. last year.

Injuries may cut into the K-Aggie chances in the Missouri game. Captain A. H. Freeman, kept out of the tilt with Oklahoma, has less than an even chance of playing against Missouri. C. O. Tackwell, also on the sidelines Saturday, will play if needed against the Tigers.

THREE HALFBACKS BRUISED

Alex Nigro, one of the Wildcat backfield stars, was in bed Monday morning recovering from the effects of the Oklahoma game but reported for practice Monday afternoon. Meissinger, Weller, and others received painful bruises.

The K-Aggies have not defeated Missouri since 1922, though the scores have been close since then and once, in 1926, the Tigers cancelled a scheduled game.

The probable starting line-ups for Saturday:

K-Aggies	Pos.	Missouri
Swartz.....	L.E.....	Hursley
Tucker.....	L.T.....	Lindenmeyer
Bauman.....	L.G.....	McGill
Meyers.....	C.....	Smith
Yeager.....	R.C.....	Brayton
Cronkite.....	R.T.....	Armstrong
Towler.....	R.E.....	Gladden
Nigro.....	L.H.....	Kennedy
Meissinger.....	R.H.....	Johanningmeyer
Evans.....	Q.B.....	Waldorf (c)
Wiggins.....	F.B.....	Schaff

Big Six Scores

Nebraska 7, Missouri 7.
Oklahoma 14, Kansas Aggies 13.
Kansas U. 33, Iowa State 0.

GAMES THIS WEEK

Kansas Aggies vs. Missouri at Columbia.

Nebraska vs. Kansas U. at Lincoln.
Oklahoma vs. Iowa State at Norman.

Music Sorority Initiates

Mu Phi Epsilon, honorary sorority for women in music, initiated the following persons recently: Gladys Schmedemann, Manhattan; Venita Schade, Manhattan; Edna Landley, Manhattan; Mary Jobling, Caldwell; Lesta Lawrence, Abilene.

Discusses Work of W. H. Hudson

"Lands of the Lost and Unknown," a consideration of the work of W. H. Hudson, was the theme of Prof. N. W. Rockey in one of the series of lectures by members of the English department faculty, Tuesday night.

Aggie Pop in December

The nights of December 6 and 7 have been chosen for presentation of Aggie Pop, annual stunt night entertainment sponsored by the Y. W. C. A.

THE KANSAS INDUSTRIALIST

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Number 8

PHI KAPPA PHI PICKS 22 SENIOR MEMBERS

SCHOLASTIC FRATERNITY ANNOUNCES FALL ELECTION CHOICES

Selections Made on Basis of Grades from Highest Half of Upper 10 Per Cent of College Senior Class

Election of 22 Kansas State Agricultural college seniors to membership in Phi Kappa Phi, national scholastic fraternity, was announced this week.

Each semester and in summer school outstanding students, according to scholarship, are voted into the society. In the fall elections approximately the upper half of the upper 10 per cent of the senior class is chosen. Selection for membership is almost entirely on a scholastic basis.

Not more than 10 per cent of the seniors in any one division of the college may be elected to membership in Phi Kappa Phi in any year. The number from any curriculum also is expected to be approximately 10 per cent of the number of seniors in that curriculum.

Those elected this week are as follows:

Division of agriculture—Raymond W. O'Hara, Blue Mound; John J. Curtis, Toronto; Louis P. Reitz, Belle Plaine.

Division of engineering—Gordon Nonken, Manhattan; Frank Adair, Frontenac; J. Leland Brubaker, Manhattan; Claborn O. Little, Manhattan; George E. Richardson, Pittsburg; Irvin Stenzel, Marion.

Division of general science—Kenneth D. Benne, Washington; Raymond A. Bell, Beverly; Rudolph Greep, Longford; Inez Snyder, Osborne; Fern Barr, Manhattan; Mary Eileen Roberts, Manhattan; William J. Schultis, Sylvan Grove.

Division of home economics—Margaret Greep, Manhattan; Louise Reed, Holton; Vivian Abell, Riley; Florence L. Harold, Dresden; Gladys Benne, Linn.

Division of veterinary medicine—Thomas J. Leasure, Solomon.

JOHNSON WINS FIRST IN POULTRY JUDGING

Second and Third Honors Go to R. G. Frye and Lawrence Morgan—Many in Contest

With 87 students competing, the largest number ever to enter the event, E. H. Johnson of Norton won first place in the annual K. S. A. C. student poultry judging contest last Saturday. His awards were \$10 and a gold medal. Second place, \$8, and a silver medal were won by R. G. Frye, Freeport, and third place, \$5, and a bronze medal went to Lawrence Morgan, Manhattan. Other prizes were distributed to a total of 30 students.

Six classes of birds were judged on the basis of production and two classes of exhibition birds were placed. Prof. H. M. Scott, of the poultry department, had charge of the contest.

MAC SHORT NEW TECHNICIAN FOR N. Y. AIRCRAFT COMPANY

Steps Up Following Stearman-United Merger

Mac Short, '22, Wichita, chief engineer of the Stearman Aircraft company, has just received an appointment to the technical staff of the United Aircraft and Transport corporation of New York. He will be second in charge of the technical staff of the United, a position earned by the development of the Stearman plane and one which will rank him as one of the leading technical engineers of the country.

Short is also a member of the board of directors for the merged United and Stearman companies. He will remain in Wichita for the present but in time may be called to New York.

Heads Physical Educators

Presidency of the Kansas Physical Education association was voted Dr. L. P. Washburn, head of physical education work at K. S. A. C., at the first meeting of the state organization, held at Wichita Saturday, November 2. More than 300 persons attended the meeting. Membership is drawn from the men and women teachers and supervisors of physical education over the state.

ECONOMICS AND ETHICS NO LONGER FAR APART

Business Man of Today Realizes Practical Value of Golden Rule, Kammeyer Says

"The measure of economic truth and permanence is its economic expediency," said Dr. J. E. Kammeyer, head of the department of economics and sociology, in a talk on "Contemporary Thought in Economics," delivered before the contemporary thought class Tuesday, October 29.

"Man's economic thought is governed as much by his environment as by his inheritance, or the thoughts that have come down to him from early times.

"Economic thought changes from time to time by accretion, injection, modification, and discovery."

That economically we are now in a period which might be called the renaissance of mercantilism is the opinion of Doctor Kammeyer. Under the policy of mercantilism, followed 150 years ago and more by European nations and England in particular, man in his economic activities is regulated, limited, and governed by the state. The industrial revolution, brought about by steam, the introduction of machinery, and the factory system, produced an order into which mercantilism did not fit, and it was followed by the laissez-faire or non-interference policy.

A decided swing back to mercantilism is now noticeable, though it is now called social control, state socialism, or communism, and is manifested in labor laws, revision of tariffs, control of railroads, banking laws, etc.

"Economic thought of today combines theory with practice," the speaker said. "There is no longer a great gulf separating the economics from practical business. The two are in harmonious and effective cooperation. While exact measurements are as yet impossible in the social sciences, the scientific method is approved and used as far as possible.

"The tendency toward ethical thinking is unmistakably noticeable in much economic thought of today. Business men are recognizing the practical importance, for economic reasons solely, of the golden rule and of sobriety. Economists are combining economic and ethical thinking."

AGGIE FRESHMAN TEAM PLAYS K. U. SATURDAY

Coach Ward Haylett Will Take 25 Men to Lawrence for Game—Three Halfbacks Hurt

Freshman Kansas Aggie football players will meet the ancient rival, Kansas university, in a game at Lawrence Saturday. Competition in two games is being allowed this fall for the first year teams by the Big Six conference. The Wildkittens will meet the Creighton university freshmen at Manhattan November 16.

Last Monday night the freshmen played the varsity reserves to a 6-6 tie in a full time game. The freshmen tied the score in the last half with a pass.

A tentative starting lineup for the Aggie frosh was announced as follows by Coach Ward Haylett: 1. e., Earl Morrison, Colby; 1. t., Ed Saturnas, Chicago, Ill.; 1. g., Lloyd Schulze, Norton; c., Laurence Daniels, St. Francis; r. g., Lisle Smelser, Manhattan; r. t., O. H. Dilsaver, Kensington; r. e., Leo Morgan, Hugoton; q. b., Russell Smith, Manhattan; 1. h., Franklin Cain, Chanute; f. b., John Hofsess, Mexico, Mo.

FLORISTS WILL VISIT COLLEGE THIS WEEK

MORE THAN 100 EXPECTED FOR SHORT COURSE

Professor Balch, in Charge of Instruction—Has Arranged Talks and Demonstrations by Several Experts in the Trade

More than 100 florists of Kansas and surrounding states are expected on the K. S. A. C. campus for the second annual florists' short course which starts tomorrow. The short course will continue over Friday and Saturday and many of the flower men are expecting to attend the K-Aggie-Iowa State football game Saturday afternoon.

Prof. W. B. Balch of the horticulture department, in charge of a course of instruction, has scheduled several experts in various phases of flower culture and marketing methods. Mrs. Harry L. Smith of Hutchinson, nationally known for her ability in making floral pieces, will give demonstrations each morning and afternoon. Walter Leighton, Salina, an expert rose grower, and Floyd Sims, Marysville, an authority on snapdragons, are to talk to the visiting florists. Leonard Christal, Kansas City, will discuss gladiolus variety tests.

Several members of the K. S. A. C. faculty will contribute to the course of instruction. Dr. O. H. Elmer will speak of gladiolus diseases and Prof. L. R. Quinlan will address the visitors twice on his specialty, landscape gardening. Heating problems in the greenhouse are to be taken up Friday by Prof. A. J. Mack of the engineering division, and soil sterilization will be discussed by Prof. P. L. Gainey, bacteriologist.

The last meeting preceding attendance at the football game will be a luncheon at the college cafeteria Saturday noon.

DRAFT HORSE HOLDING OWN, DOCTOR McCAMPBELL SAYS

Predicts Quantity and Quality for American Royal

The draft horse is holding its own against the tractor better than most persons have thought, according to Dr. C. W. McCampbell, head of the department of animal husbandry, who is in charge of the draft horse exhibition section for the American Royal Livestock show. The Royal will be held in Kansas City November 16 to 23.

Though Kansas land is in many respects ideal for tractor farming, results of a recent survey show that only one out of four farms in the state are equipped with any kind of tractor, and a large percentage of tractors in use serve only for belt work and not in crop production. Doctor McCampbell says in a recent paper.

"A new interest is developing in the production of draft horses," Doctor McCampbell says. "During the month of July, 1929, receipts of the Percheron Society of America increased 40 per cent as compared with those of July, 1928. Receipts were 20 per cent more in August and 76 per cent more in September than in the corresponding months of the previous year.

"Farmers are beginning to appreciate the fact that the number of good young horses in the country is very small. This is stimulating an interest in the production of animals to replace the present work stock. Few good draft stallions are in service at present.

"The situation promises to make the 1929 American Royal Draft Horse show the best, in quality as well as in quantity, that Kansas City has seen for many years."

Heads Y. W. Cafeteria

Edith Glasscock, '16, has accepted a position at the new Y. W. C. A. building in St. Paul, Minn. She will be in charge of the banquets and lunches which are served daily to approximately 2,000 persons.

Heads Deans of Women

Mrs. Mary P. Van Zile, dean of women at K. S. A. C., was elected president of the Kansas Association of Deans of Women Wednesday night, October 30, at an election which took place at the annual meeting of the association at Lawrence. Manhattan is to be the meeting place of the association in 1930.

LAY PLANS FOR 1930 WHEAT IMPROVEMENT

Representatives of Cooperating Agencies Confer Saturday—Fifth Year of Organized Effort

A conference of representative of organizations interested in the Kansas wheat belt program will be held in Manhattan at the Wareham hotel, Saturday, Prof. A. L. Clapp, in charge of the wheat program for the college, has announced. The conference will mark the beginning of the fifth year of improvement work and outline activities for the year 1930.

Representatives of cooperating agencies which have signified their intention of attending the meeting are J. C. Mohler, Topeka, secretary, state board of agriculture; H. M. Bainer, Kansas City, director of Southwest Wheat Improvement association; Arthur W. Large, Chicago, agricultural agent, Chicago & Rock Island railroad; J. F. Jarrell, Topeka, agricultural director, Atchison, Topeka, and Santa Fe railway; George W. Catts, Kansas City, Mo., agricultural director of Kansas City chamber of commerce; R. A. Smith, Omaha, agricultural director of Union Pacific railroad; E. L. Morris, Kansas City, supervisor, federal grain standards; B. H. Johnson, Kansas City, superintendent, state grain inspection department; David D. Bailey, Topeka, secretary, Kansas State chamber of commerce; and representatives of the Weekly Kansas City Star, Salina Journal, Topeka Journal, and Capper publications.

The college will be represented at the conference by President F. D. Farrell, Dean L. E. Call, Dean H. Umberger and other members of the agricultural and extension divisions.

K-AGGIE CROSS COUNTRY TEAM DEFEATS TIGER RUNNERS 16-39

Wildcat Harriers Still Undefeated in Big Six

Four Kansas Aggie cross country men finished in a tie for first place in the race with Missouri university at Columbia last Saturday. The Aggies won 16 to 39, lacking only one point of making a perfect score. A fifth Aggie finished in front of the first Missouri man, but was moved back to sixth place because he inadvertently touched the Missouri runner, which disqualified him.

Captain H. S. Miller of Kansas City; Lee Toadvine of Dighton; K. L. Backus of Olathe, and John Hoynes of Salina were the four who tied for first. Weineker of the Missouri team was fifth, and H. S. Gile, Scandia, sixth. The K-Aggies previously had defeated Oklahoma and the Oklahoma Aggies in a dual meet. They will meet Iowa State here Saturday.

REGULAR BROADCAST PERIOD ALLOTTED TO CAMPUS EVENTS

Aggie Happenings Can Be Heard Daily Over KSAC

Campus news is being broadcast from radio station KSAC for a brief period each Monday, Tuesday, Wednesday, and Thursday, starting at 1 o'clock.

Each Friday the time usually allotted to the news program is under supervision of Harold Howe of the department of agricultural economics, who gives a survey of agricultural activities from a state, national, and international standpoint.

Wave frequency of the college station was unchanged by the recent radio commission orders affecting various mid-western stations.

Face the hen house south.

PRESIDENT ANALYZES STUDENT DISMISSALS

OPERATION OF K. S. A. C. RULE IS AUTOMATIC

Situation Is in No Sense Alarming, the Statistics Show—Failures Diminish as Academic Scale Is Ascended

How K. S. A. C. students are automatically dismissed because of inferior scholarship and the exact situation about dismissals for the last collegiate year are matters explained by President F. D. Farrell in an editorial column of the Kansas State Collegian headed "Prexy Says."

The Kansas State Agricultural college, like most colleges, finds it necessary to dismiss students who do not maintain a certain standard of scholarship, the president explained in the student paper. A freshman student who at the close of a semester receives grades below passing in one-half of his work, or any other student who receives similar grades in two-fifths of his work, is automatically dismissed from college.

HERE ARE COLD FACTS

"The operation of this quite reasonable rule has given rise to some rather wild reports of the number of students automatically dismissed because of poor scholarship," President Farrell writes. "Let us see what the facts are. Consider the figures for the academic year 1928-29.

"At the close of the first semester 6.4 per cent of the students were dismissed because of poor scholarship. This figure represents dismissals from the college as a whole. The figure for seniors, 1.3 per cent, was the lowest for the undergraduate classes. It compares with 10.3 per cent for freshmen, 7.1 per cent for sophomores, 5.6 per cent for specials, and 3.7 per cent for juniors. The figure for graduate students was zero.

"At the close of the second semester the dismissals amounted to 4.1 per cent for the college as a whole, 8.9 per cent for specials, 5.8 per cent for freshmen, 5.6 per cent for sophomores, 3.6 per cent for juniors, and zero for seniors and graduate students."

It is interesting to note four things about these figures, President Farrell comments. First the figures for the college as a whole are in no sense alarming; second, the figures are lower for the second semester than for the first, many students deficient in survival factors having been eliminated at the close of the first semester; third, the figures diminish in size as the academic scale is ascended, thanks largely to elimination of poor students from the lower classes; and fourth, the percentage of dismissals among special students was the highest in the second semester and distinctly high in the first.

HOME "ECS" RANK HIGH

"Which division of the college made the best showing in the matter of dismissals?" the president asked. "That varied in the two semesters and it probably was not quite as you would expect. In the first semester, the largest percentage of dismissals was in the division of veterinary medicine, 11.5 per cent. As many of us have learned to expect, home economics with only 3.6 per cent made the best showing in the first semester. The figures for the other divisions were general science, 5.2 per cent; agriculture, 5.3 per cent, and engineering, 9.5 per cent.

"In the second semester a different situation developed. The lowest percentage of dismissals, zero, was in veterinary medicine and the highest, 6.8 per cent, was in engineering. In the other divisions the figures were agriculture, 1.9 per cent; general science, 3.1 per cent, and home economics, 3.5 per cent. The figures for the two semesters indicate no consistent, remarkable differences between the divisions in the matter of scholarship deficiencies. The most impressive differences are between classes rather than between divisions."

THE KANSAS INDUSTRIALIST

Established April 24, 1875

Published weekly during the college year by the Kansas State Agricultural College, Manhattan, Kansas.

F. D. FARRELL, PRESIDENT..... Editor-in-Chief
C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

Newspapers and other publications are invited to use the contents of the paper freely without credit.

The price of THE KANSAS INDUSTRIALIST is \$3 a year, payable in advance.

Entered at the postoffice, Manhattan, Kansas, as second-class matter October 27, 1918, Act of July 16, 1894.



WEDNESDAY, NOVEMBER 6, 1929

READ HISTORY IN ADS!

The story of organic evolution is told in fossil remains; that of modern social evolution can be traced by a study of advertising, even if no formal histories of our times existed.

Advertising columns of long out of date magazines have imbedded in them an unfailingly accurate chronicle of America's development, industrially and socially.

Go to a library and explore copies of some of the older magazines, taking, say, the years 1884, 1893, 1898, 1900, 1903, 1906, 1910, and 1914. This fascinating research will unfold for you the evolution of the American home and all its furnishings; you will be present at the dawn of the present day demand for luxuries and mechanical conveniences; you will see the bicycle come and go, the motor age arrive and grow; you will watch the gradual transformation of the automobile and follow the growth of the profound influence it has had in changing the habits and outlook of the people of this country.

Many a million-dollar-a-year advertising appropriation of today can be glimpsed cautiously groping its way along an untrod road in quarter-page exploratory displays, and growing bolder as it discovers and taps unsuspected springs of buying power. You will see the advertising pages grow in volume until they rival, then outnumber those of reading matter. No history could present more vividly the amazing metamorphosis of the country, the changes in national tastes and desires side by side with the rapid increase in national wealth. Thus does advertising throw a revealing beam of light back over the path this country has traversed in the past two generations.

A KANSAS COLLEGE LIBERAL

Dr. Julius Terrass Willard, dean of general science and vice-president of the Kansas State Agriculture college, observes this fall the fiftieth anniversary of his connection with that institution. As a student, as a professor, and as an executive, he has spent half a century for the betterment of the college.

The people of Kansas should know doctor Willard and his work better than they do. He has made a genuine contribution to the state, not because he has served for 50 years—many a man works at a job half a century and leaves it more muddled than when he took it—but because he has accomplished permanently useful things and has furnished an example to intelligent students.

First, though least important, he speaks and writes the English language. Nobody who does not associate frequently with the so-called "educated" realizes how little most of them know about grammar, pronunciation, and rhetoric. It is a salutary thing for an institution of learning to have on its faculty a few men who can set an example in these fields. I know colleges that have none.

Second, he sticks to the scientific method. In other words, he looks always for facts and goes on to whatever conclusions the facts require. Yet he never loses sight of the possibility that what seems facts today may be proved erroneous tomorrow. He has none of the bumptious and fatuous self-confidence of the pseudo-

scientist common at all times and in all places, and satirized so effectively years ago by Lewis Carroll:

He thought he saw a garden door

That opened with a key:

He looked again and saw it was

A double rule of three.

"And all its mystery," he said,

"Is clear as day to me."

Finally Doctor Willard has that attitude toward life which is perhaps a corollary of the scientific method plus the instincts of the humorist. He is a true liberal. He is skeptical and he is tolerant. He is doubtful of human traditions, because he knows that humanity is as likely to hand down and value the false as the true. At the same time, he is doubtful of gaudy schemes of reform, because he knows that too often reformers are neurotics, self-seekers, or plain jackasses. He wants the individual to live his life unhampered by regimentation or by bunk.

These are, as it were, the intangibles of Doctor Willard's life. They are more important, I am confident, than his very real success as an investigator, as a teacher of chemistry, as a protector of the food and feed supplies of the state, as a college executive. Other people might carry on these activities. But not everybody can uphold the liberal point of view. Especially is it hard to do in the most conservative group of persons the world has known since the Spanish inquisition—the student body of any American educational institution. Doctor Willard has done it, and he has influenced the minority of intelligent young men and women who have come into contact with him. And this minority will count for a better America while the raccoon coated, cheer leading boys and girls, grown into what passes for adulthood, spend their time selling second rate securities and making mistakes at contract bridge. —Nelson Antrim Crawford in the Topeka Daily Capital.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Mrs. Harriet (Dunn) Moore, '13, of Malta Bend, Mo., was a Manhattan visitor.

Mrs. Ina (Priest) Lucas, '13, returned to her home in Juneau, Alaska, following a summer spent in Seattle, Wash.

Ruth Bernice Binns and William Albert Lathrop, '15, in electrical engineering, were married at Grand Rapids, Mich.

Harry E. Porter, '07, formerly associate professor of mathematics at the college, was manager of the Fairmont Creamery company of Omaha, Neb.

TWENTY YEARS AGO

President Waters accepted an invitation to deliver the principal address at the National Corn exposition at Omaha.

The animal husbandry department was making preparations for an exhibit at the International Stock show, to be held at Chicago.

Assistants L. D. Bushnell and C. H. Hinman addressed the farmers' institute on the subjects, "Production of Sanitary Milk" and "Management of a Dairy Herd," respectively.

THIRTY YEARS AGO

DeWitt Miller lectured in chapel on "Is the Nation Sufficient Unto Itself?"

I. D. Graham, of Topeka, former secretary of the college, visited the campus.

The students and employees of the college were given a holiday to permit all to attend the reception at Topeka of the returning 20th. The college battalion and cadet band under the command of Major C. D. Montgomery took part in the procession and guard of honor.

FORTY YEARS AGO

H. C. Peoples, student in 1881-83, wrote for a certificate of standing to enable him to enter the state normal school.

J. S. Hazen, '89, requested his INDUSTRIALIST sent to Savannah, Ga., where he was observer in the signal service.

E. Ada Little, '86, who had been suffering from a mild attack of malaria, returned from her stay in Illinois and Iowa.

W. W. Hutto and J. E. Taylor were

salesmen for the electric doorbell and other appliances as a means of support while in college.

FIFTY YEARS AGO

Students enrolled were Preston Neiswender, Jennie S. Platt, J. T. Willard, Noah L. Bowman, and William E. Miller.

Four families of students, totaling 14, were keeping house in the chapel

twelve months' hard labour by the Marylebone magistrate. If he was calculating on being allowed to pay for the petrol he will now have some time in which to reflect on the unwisdom of trusting to alleged loopholes in the English law. These have a way of contracting suddenly into something that must now feel like a very tightly drawn noose. —Manchester Guardian Weekly.

The Timid Soul and Fake Schemes

Better Business Bulletin

Most subscribers will recall certain newspaper cartoons which depict the adventures of the "timid soul." Recently, one cartoon showed this timid soul subscribing to magazines, which he did not want, merely to help the burly, rough neck solicitor who claimed to be "working his way through college."

The cartoon adventures of the "timid soul" are popular because he does the things that are done by the majority of people. Although he may not know it, the "timid soul" is largely responsible for the many types of "rackets" now in existence. He is found in all walks of life from the ditch digger to the company executive.

He believes the old, well worn story of the magazine salesman that he is working his way through college and does not take the trouble to ask for credentials or proof of the statements made, even though the salesman, by his voice and manner, may show the lack of even a good grade school education. Rather than make an investigation the "timid soul" pays and thus saves an argument.

He is found also in advertising departments of large companies. When hard boiled solicitors for advertising in some alleged political or municipal publication seek his financial assistance and intimate that they have power to cause him trouble with his tax problems, the timid soul pays for an advertisement instead of kicking the solicitor out of the office.

When fake representatives of alleged labor organizations call on him for advertisements in year books, time books, and similar unauthorized and often unpublished pamphlets he pays from \$15 to \$30 for an advertisement and is thereafter known as a "sweetheart" by members of this solicitation fraternity.

He buys tickets to every form of benefit performance using solicitors or telephone girls with a set speech. He does not investigate to see if the promoters are walking away with a good per cent of the profits and are using the name of the organization they claim to represent merely as a blind.

The "timid soul" buys stock from every high pressure salesman who calls on him; he falls a willing victim to fantastic literature promising riches in return for a \$10 investment. He is afraid to investigate.

When he receives a package of unordered ties, cigars, greeting cards, or other articles of merchandise accompanied by a request to remit immediately, he remits. He is a fertile field for door to door peddlers selling anything from can openers to oriental rugs.

He buys alleged "smuggled" furs from stage sailors and finds later he has been defrauded. He falls for the "You have been selected" gag of the book salesman only to find later he has signed up to pay for a supplementary service which costs him enough to cover the price of the books and then some.

He allows his name to be used on the board of directors of almost any promotion scheme; he is a gullible victim for tipster sheet operators.

The "timid soul" is learning to ask the Better Business Bureau before putting his money into these various "dollar grabbing" schemes. The bureau is giving him full facts about all such schemes so he may be prepared for the whirlwind sales talk which up to now has caused him to sign on the dotted line without reading.

The timid soul is losing his timidity.

building, and two families were rooming in the old college building.

The college term was to close December 18 and open for the second semester January 2, closing June 10. The class in arithmetic was to begin studying percentage.

A LOST LOOPHOLE

Probably criminals rarely try to calculate in advance the punishment that awaits them if they are caught; if they did they might decide to remain virtuous, for penalties have a habit of varying in the most puzzling way. Sometimes we are told that people who "borrow" motor-cars for "joy-rides" can only be convicted of stealing the petrol that they have consumed, but a young man who was charged with stealing a motor car and who pleaded that he was going to meet a girl and only borrowed the unattended car because he wanted to "show off" has just been awarded

THE BLIND MULE

Morris Bishop in the Saturday Review of Literature

I slowed her down, for the bad road was coming;
And I could feel the fretful tappings drumming,
Impatient fingers of a choleric man.
Ahead, on the winding bit, there marched a span
Of mules, pulling an old and queasy dray.
In tune they nodded, as they picked their way,
Walking the delicate high-heeled walk of the mule.
I honked for room; obedient to the rule,
The team pulled over. As I made to pass,
The engine growling with its drink of gas,
The high mule craned upon me corner-wise;
We looked a moment in each other's eyes.
O terrible blind blue eyes that looked me through,
O burst blind eyes of milky lapis-blue,
What did you tell me of the life of fear?
The dark comes down, the bright worlds disappear;
The old mule still, in memory of the light,
Brushed by the furious engines of the night,
Feeling in every gust the wild surmise,
Turns to the sound of death his blind blue eyes.

SUNFLOWERS

H. W. D.

UNTIL DEATH US DO PART

This thing of husband and wife shooting each other up or vice versa over almost nothing or less is getting to be serious.

Within the past few weeks we've been pleased to read accounts of terrible tragedies resulting from things married folks formerly merely knocked one another down for. The latest one to come to our shocked attention is the incident of the husband who killed his wife and then himself because they couldn't agree upon which one of the two should go to the grocery store to get a pound of butter.

The old institution of irrevocable marriage, which everybody has been saying was losing its pep, is certainly beating back in a way to bring joy to the hearts of its supporters. Those who have been running it down and even looking about for substitutes are going to have to swallow their own words, and we for one are mighty glad they are.

It looks, however, as if it might be expedient to draw up some rules of marital combat to give the murderer a chance if he or she has the vitality or disposition to bother with it.

For instance, we don't believe a trifling difference over a staple like a pound of butter ought to be allowed to develop into a homicidal orgy. Now if it had been the purchase of a can of sardines or a pound of Roquefort cheese or some other aromatic dainty that would have demoralized the atmosphere of the home for a week or so, we can see how a little gun play might have been justified. But things like bread and butter and potatoes ought to be put on the arbitration list.

There ought also be a law passed requiring that every home be equipped with two gats or sawed-off shotguns equidistant at all hours day and night from the man and the wife respectively. Most of these recent killings have occurred in homes boasting only one automatic, and the fellow farthest from it nine times out of ten appears at the funeral as the corpse.

We also think married people who intend sooner or later to fill the helpmate full of lead should indulge in target practice at stated intervals, say twice or thrice a month. In too many cases the murderer uses up several cartridges before he makes a kill in self defense, and often valuable bric a brac is bent and torn and handsome art mirrors damaged. Those contemplating a fracas can get wholesome practice shooting at the neighbors, and thereby make the block a saner and sweeter place to live in even before they themselves get out.

Of course there will be other rules and other interpretations bob up as marriage draws alongside rum-running and hi-jacking in the field of human endeavor, but we prefer to let the future care for itself. Anticipatory legislation for a reinvigorated institution like monogamy may backfire, and there's enough shooting already.

We are glad though, as stated in the beginning or somewhere, that conventional marriage is perking up. There is nothing like competition, say what you may. Companionate marriage and these cancellable agreements, however you may despise them, have at least stimulated the old death-us-do-part institution to snappier and funnier climaxes.

But we must have better marksmanship.

BUYING STOCKS

Stock buying for investment, by those who have spare cash for the purpose, to me seems reasonable, but craps or racing seems much more sensible than stock speculation and the racing dope sheet is much more dependable than the average newspaper market "gossip" or the broker's "customer's letter." In truth, I know of nothing more irresponsible in current literature than cocksure writings about speculation. —Marlen Pew in Editor and Publisher.

We may with advantage at times forget what we know. —Publius Syrus.

AMONG THE ALUMNI

Arnold J. Englund, '22, is a farmer and stockman at Falun.

Clifford F. Joss, '21, is employed as sales engineer with the General Electric company, Chicago, Ill.

Charles R. Omer, '29, is employed in the poultry inspection department of Armour and company, Wichita.

Dr. E. A. Tunnicliff, '21 and '23, is in charge of veterinary research work at the Texas experiment station, Sonora, Tex.

Theodore R. Freeman, '19, is employed by the Washington County Cooperative creamery, Linn, in the capacity of cream grader and assistant buttermaker.

E. E. Larson, '29, is with the H. W. Underhill Construction company with headquarters at Paducah, Tex. The company is building a \$180,000 courthouse in Paducah.

Helen Paynter, '19, holds a position as dietitian in the Philadelphia General hospital, Thirty-fourth and Pine streets, Philadelphia.

Mary (Elder) Bull, '08, is enrolled in the graduate school at the University of California, Southern Branch, Los Angeles, Calif.

Mabelle (Sperry) Ehler, '06, is assistant professor of home economics and assistant manager of the cafeteria at the University of Minnesota, Minneapolis, Minn.

R. R. Marshall, '26, who is with the Goodrich Rubber corporation of Houston, Tex., called at the alumni office October 31. It was his first visit to the campus since graduation.

Miss Stella Mather, '13, is head of the home economics department of the University of Arizona, Tucson. Miss Mather was awarded one of the five summer scholarships in child care and training given this year by the American Home Economics association.

C. E. Graves, '21 and '28, is employed in the export division of the dyestuffs department, E. I. Du Pont de Nemours & Co., Wilmington, Del. His job consists of conducting experiments with their seed disinfectants, Ceresan and Granosan, in cooperation with foreign experiment stations.

MARRIAGES

DOYLE-BURTON

The marriage of Mildred K. Doyle, '27, and Augustus W. Burton, '27, took place October 26 in New York City.

RADER-BREESE

The marriage of Ruth Rader, of Cleveland, Ohio, and Roy Breese, '21, of Chicago, Ill., occurred in Chicago on June 15. They are making their home in Chicago.

MARTIN-CANNON

The marriage of Irene G. Martin, f. s., and Edgar D. Cannon, '29, took place in Kansas City October 19. Mr. and Mrs. Cannon will make their home in Kansas City.

MOLLETT-WEBB

Shirley Mollett, '29, of Manhattan, and Earle Webb, f. s., of El Dorado, were married September 22 in the Westside Christian church at Wichita. Mr. and Mrs. Webb are at home in Eldorado where Mr. Webb is with the electrical engineering department of the Skelly Oil company.

STOVER-WOLLNER

The marriage of Gladys M. Stover, '26, and Duane E. Wollner, f. s., took place June 27 at the home of the bride's parents in Manhattan. Mr. and Mrs. Wollner will make their home at Wynne, Ark., where Mr. Wollner is construction engineer for the Missouri Pacific railroad.

BURNETTE-MOYER

The marriage of Mary Lucretia Burnette, '28, Parsons, and Gerald I. Moyer, f. s., Kansas City, Mo., occurred October 28 in the Linwood avenue Presbyterian church at Kansas City. They will be at home after November 10 in Kansas City, where Mr. Moyer is secretary of the Miller Maid Cookware company.

ROGERS-SKINNER

Mr. and Mrs. John L. Rogers, of Abilene, announce the marriage of their daughter, Lucile, '29, to Paul

A. Skinner, '28, of Wichita. The wedding was October 19 at the home of the bride's parents. Mr. and Mrs. Skinner are at home at 306 E. Pine street, Wichita, where Mr. Skinner is employed with the General Motors Acceptance corporation.

HOUGH-SCHWANDT

Announcement has been made of the marriage of Charlene Hough, graduate of the public school of music at Columbia, Mo., and Glenn O. Schwandt, '26, which occurred at Fort Wayne, Ind., June 23. They are making their home at Fort Wayne where Mr. Schwandt is associated with the General Electric company as an electrical engineer.

CATON-WILLIAMS

Mr. and Mrs. Harry A. Caton of Winfield announce the marriage of their daughter, Emily, f. s., to Christopher S. Williams, '29, Topeka, which took place in Winfield October 26. Mr. and Mrs. Williams will make their home in Topeka, where Mr. Williams is associated with the Southwestern Bell Telephone company in the traffic department. Mr. Williams was a student on the University Afloat in 1927.

BIRTHS

Rudolph E. Angerhofer and Grace (Rudy) Angerhofer, '16, of Chicago, announce the birth of a son, Donald Rudy, on October 23, 1929.

DEATHS

BATDORF

Frances E. Batdorf, '22, died at a hospital in Topeka, October 14, after an illness of a little more than two weeks. She had taught home economics in the Burlington high school for five years and had started on the sixth term. Surviving are her father, S. Guy Batdorf; one sister, Mrs. Floyd S. Ecord; and a brother, William N. Batdorf, '25.

KAPPA PHI, METHODIST GIRLS' ORGANIZATION, PLEDGES 37

Services Are Held at Recent Group Meeting

Thirty-seven girls were pledged at a recent meeting of Kappa Phi, national organization for Methodist Episcopal girls.

Those pledged were: Laura Stepanek, Cuba; Nellie Bloom, Liberal; Mabel Weir, Newton; Bernice Decker, Holton; Alice Adams, Leavenworth; Bernice Weygant, Keats; Arla McBurney, Manhattan; Thalia Follmer, Buffalo.

Junieta Harbes, Riley; Alzina Reed, Wakefield; Betty Wagstaff, Topeka; Leda Dunton, Lebanon; Mildred Porter, Mount Hope; Heloise Wood, Clay Center; Ruth Lattimore, Westmoreland; Bessie Timmons, Manhattan; Dessie Sigg, Chapman; Beulah Leach, Bird City; Anna Krause, Marysville; Corabelle Tolin, Havensville; Ludia Andres, Alta Vista; Dorine Porter, Stafford.

Mariam Marsh, Chanute; Nellie Dilsaver, Kensington; Flossie Sawyer, Kensington; Elta Tompkins, Byers; Esther Curry, St. Francis; Anna Erickson, Clyde; Roberta Oursler, Circleville; Alice Tribble, Circleville; Hazel Bland, Garden City; Faith Briscoe, Cambridge; Carol Briscoe, Cambridge; Esther Quenzer, Bazine; Goldie Kennedy, Macksville; Eula Neal, Walnut; Pearl Alexander, Norcatur.

Plan before you build. It is easier to change the plans than the half built structure. Plans for homes, barns, cisterns and sewage disposal may be obtained from the K. S. A. C. agricultural engineering department.

I, of the.....Class of K. S. A. C. do hereby apply for membership in the K. S. A. C. Alumni Association. In consideration I enclose check or money order for \$3.00.

Signed

Send INDUSTRIALIST to (town) (state)

..... (street)

OUR OWN FOLKS

Dr. William McIlwain, f. s., '83 to '85, physician and surgeon of Lone Wolf, Kiowa county, Okla., and among the first to answer his country's call when war was declared in 1917, has received notification of his award of the distinguished service cross. The cross is awarded in recognition of his heroism in action at and near the town of Bozoches, France, on August 27, 1918, while serving as first lieutenant, medical corps, attached to the 308th infantry, 77th division, A. E. F.

Doctor McIlwain's activities at this particular time are given in a special history of the 308th infantry, which reads as follows:

"On or about August 27, 1918, when company G of the 308th infantry advanced from the south side of the Vesle river to attack and to go over the top with the infantry platoons, Lieutenant McIlwain crossed the Vesle river under heavy artillery and machine gun fire and entered Bozoches when the enemy was making a strong fight to retain possession of the town.

"When the attacking company had to fall back, the task of administering first aid to the wounded became fraught with great difficulty and danger. Without considering his own welfare, Lieutenant McIlwain displayed extraordinary heroism, electing to remain across the river until the wounded had been evacuated. Without shelter and under direct machine gun fire, he insisted upon giving personal attention to the wounded, his gallantry affording the highest example to his comrades."

Doctor McIlwain is a leader in civic and American Legion affairs in Oklahoma.

Dr. J. W. Harner, '09, Box 31, Canaan, Vt., is with the United States bureau of animal industry as one of its veterinary inspectors. Canaan is a regular United States port of entry and Doctor Harner's duties consist in the inspection of animals presented at that port, together with some meat inspection work. He visited relatives in Manhattan during August.

Florence Carvin, '13, has returned to extension work with the University of Missouri after a year's leave of absence. She received her M. A. degree at Columbia university, N. Y.

Moves to Kentucky

Dr. Frank Hare, a '20 graduate in the division of veterinary medicine, and for several years poultry pathologist with the Delaware state board of agriculture at Dover, has resigned that position and is now located for small animal practice at 260 Clay avenue, Lexington, Ky.

T. D. Rice of the bureau of chemistry and soils in the United States department of agriculture, is spending about 10 days in Kansas on soil survey work and is holding conferences with members of the agronomy department concerning reports of this station on soil survey work.

R. D. Walker, '27, is with the Westinghouse Electric company, Huntington, W. Va.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. 0, Aggies 6.
Oct. 26—Oklahoma U. 14, Aggies 13.
Nov. 2—Missouri U. 6, Aggies 7.
Nov. 9—Iowa State at Manhattan.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. at Lawrence.
Nov. 16—Creighton U. at Manhattan.

Glee Club Elects

Kenneth Benne of Washington was elected president of the men's glee club at a meeting held recently. Willard Hemker, Great Bend, was chosen as vice-president; Robert Russell, Manhattan, secretary; Gerald Powell, Frankfort, treasurer; Arnold Chase, Abilene, librarian.

BOOKS

Cool Refreshment

"Small Towns: An Estimate of Their Trade and Culture." By Walter Burr. The MacMillan Company, New York.

Here is a book of cool and refreshing discussion of a subject that ordinarily is treated either coldly and disdainfully or hotly and somewhat hysterically. Its cold treatment usually comes from people who dislike to be disturbed. They see it with a fishy eye. Others who, for whatever reason, enjoy disturbance get warm and moist and sometimes hysterical about it. They get red in the face. The subject—none too clearly indicated by the title of this book—is the social conditions of the American countryside, particularly the countryside of the middle west, with which the author is best acquainted. The book is dedicated to the author's former colleagues at Kansas State Agricultural college "in memory," as he says, "of 15 years of happy comradeship."

Professor Burr, now rural sociologist at the University of Missouri, looks upon the American rural scene and finds it essentially good. He does not ignore the dark spots—few writers upon the subject do—but also he quite definitely does not ignore the bright spots which, of course, he finds are rather numerous. The agricultural problem, he says, "has been the problem of how to adjust the attitudes of a pioneer, struggling, back country population to the attitude of the rest of the world." There are excellent historical reasons for misunderstanding of the agricultural situation, particularly in its human aspects. "Our farm population," the author says, "has been a moving population, always trekking west to take up new lands, always misunderstanding the established interests back east, and always misunderstood by them."

The comments upon the farm as a family partnership enterprise are noteworthy. For example: "Every member of the family feels a partnership right in the farm and everything on it. Therefore, on a well organized farm everybody works. The amount of farm and home work done by the average farm boy and girl is well balanced with other activities. As long as farming is a family business, the farm boy and the farm girl will do a reasonable amount of farm and home work, thus sharing the partnership. It is much preferable to the loafing leisure and the trouble finding time of the city boy and the city girl."

In his usual engaging manner the author pays his respects to rural uplifters and professional reformers. There are many comments similar to the following: "Sister Kennicott may import from outside all sorts of ideal programs . . . but they are not of Main Street and have no place there. Nor is Main Street to be blamed; it has as much right to be itself in its own way as has Broadway or Lake Shore Drive."

The future rural community is envisioned as greatly enlarged as compared with its traditional size, thanks to improved methods of transportation and communication. The author foresees enlarged and improved schools, churches and political units and with them a broader and better informed culture. Unfortunately, perhaps, he foresees, as he must, the loss of much of the purely rural flavor of the countryside as farm people come to dress, act, and think somewhat more as urban people do. We may hope, with some confidence, that the change will not be too rapid or too nearly complete.

—F. D. Farrell.

Souders a Chief Draftsman

Harold Souders, a '29 graduate of the department of architecture, is chief draftsman with the Granger & Bollenbacher company, Chicago, Ill.

Judges Livestock

Prof. F. W. Bell is in Shreveport, La., this week, judging livestock at the Louisiana state fair.

RECENT HAPPENINGS ON THE HILL

The annual inter-society mixer was held Friday night, November 1, in the community house. Dancing and bridge were the principal entertainments of the evening.

Dr. Herman Farley, '26, has been appointed assistant professor of veterinary pathology. He assumed his new duties the first week in October. He is engaged in research work pertaining to the so-called "Shipping Fever" of cattle.

Dr. William M. Jardine, former president of K. S. A. C. and secretary of agriculture in the cabinet of President Coolidge was a guest last week of President F. D. Farrell. Doctor Jardine is now president of the United Growers' association, with headquarters at Washington, D. C.

Winners of the La Verne Noyes scholarships for 1929-30 were announced last week by Dean R. A. Seaton. They are Jack Linscott, Manhattan; Andrew L. McBride, Manhattan; Albert R. Challans, Newton; James C. Dalgarn, Manhattan; Eli E. Daman, Fort Snelling, Minn.; and Francis Wagar, Florence.

Student forum speakers for the month of November were announced this week. Miss Olive Gould, traveling secretary for the student volunteer movement, will speak November 6 on "Present Trends in India." Prof. H. W. Davis is scheduled for November 13, and W. L. Hutcherson, secretary of the negro Y. M. C. A. of Wichita, November 20.

Organization of a K. S. A. C. Parents' association was indorsed at a meeting of the board of directors of the K. S. A. C. Alumni association held last Saturday. The purpose of the organization will be to foster the interest of the parents in the college which their children attend. Similar organizations have been formed at Illinois university, Kansas university, and Missouri university.

Captain Maurice Rose, of the military department, has announced the selection of the following men as members of the K. S. A. C. men's rifle team: E. W. Bennett, Robert Pfuetze, H. H. Kirby, D. M. Earl, M. B. Sanders, C. O. Little, C. M. Kipf, Oliver Dilsaver, R. S. Rearwin, Wilbur Laird, L. L. Vrooman, J. T. Hoyne, K. M. Fones, J. G. Towner, H. T. Blanchard, C. C. Eustace, and J. H. Kershaw.

Architectural drawings from 17 colleges in the United States are now on display in the architecture department show rooms. An organization of these schools, the Collegiate School of Architecture, selects the six best drawings from each school, and these are submitted to the Beaux Arts Institute of Design once a year to be judged. From New York, these drawings are sent to all of the different colleges of the organization to be displayed.

THE MICROBE MARKET

The Union of the Post Office Workers is requesting the Postmaster General to make special regulations for the transmission of "germs" and pathological specimens through the post. The fear is, apparently, that such things may break out and bite the sorters or postmen. It will be news to attentive students of the contemporary press to learn that such cargoes are ever entrusted to the post at all. The more usual method is to carry them in a motor car, leave the motor car unattended, and then have the microbes and other deadly decoctions stolen by some representative of what appears to be a highly specialized branch of the criminal profession. Hardly a day goes by that we do not read that some doctor has had all his precious cholera germs removed from his car, or a choice consignment of infantile paralysis carried away by some person or persons unknown. If doctors have really taken to sending such things through the post, it will be a great blow to many a hard-working criminal. But why such things were stolen and what happened to them when the theft was carried out is one of the mysteries of modern times.

—Manchester Guardian Weekly.

K-AGGIES BEST TIGERS BY ONE POINT MARGIN

WIGGINS' 80-YARD RUN, TACKWELL'S KICK, SAVES THE DAY

Seven to 6 Victory Puts Wildcats Very Much in Running for Big Six Championship—Nigro Out With Injury

(By H. W. DAVIS)

It was a dull party at the Miller theater in Aggieville last Saturday, November 2, until Wiggins, Aggie fullback, pastiming with his team mates over at Columbia, Mo., snagged a Tiger pass on his own 15-yard line and with the instantaneous cooperation of the K-Aggie team tore down the side line to a touchdown. In 10 tiny seconds he converted defeat into a tie and Aggie fans everywhere from well behaved, somewhat subdued American citizens into wild, irresponsible hoodlums.

And when Tackwell, big Aggie lineman, held in leash on the sidelines by a charley horse, limped into the action and kicked a goal for the point that converted a tie into a victory, he turned the hundreds of wild, irresponsible hoodlums into things that acted more like raving maniacs than the law ought to allow. It was a most glorious minute or so for the followers of "Bo" McMillin's boys, for it meant that they had triumphed over their arch foe, the Tigers, upset the sloppy dope bucket altogether, and unexpectedly inserted themselves very much in the running for a championship.

And thus it came to pass that the K-Aggies defeated the Missouri Tigers 7 to 6 and "made" the afternoon for the Sigma Delta Chi grid-graph party at the Miller in old Aggieville.

"THEY FOUGHT HARDER"

With Captain Freeman and Tackwell injured on the sidelines and "Alex" Nigro in a Columbia hospital with an infected leg, the K-Aggies went into the game with scrambled line-up. But "Bo" explained to them that they must fight and win for "Alex," the which they did. And Gwin Henry, mentor for the Tigers, losing his first game to the Aggies, said laconically and with fine sportsmanship, "They deserved to win—they fought harder." Perhaps that is the best story of the game that can be written.

But you may wish to know that the first quarter ran for 10 or 12 minutes with a lot of scrimmaging in which there wasn't much ado. Then the Tigers suddenly switched tactics, caught their opponents off guard, and scored by the way of a 40-yard pass.

After that there was nothing doing in the way of dividends until the Wiggins touchdown aforementioned. The game is reported as having been earnest and severe, but not brilliant. The heavy turf, soaked with four days of rain, slowed down the play, especially the aerial attack. It was largely a line battle with the honors going to the lighter weight forward wall coached by Oss Maddox, assistant to McMillin. Time and again the Tiger backfield deemed it better to punt on the third or even the second down, and they seemed to be right about it.

MISSOURI HOPES CRIMPED

The victory for the K-Aggies rather puts a permanent crimp in the championship aspirations of the powerful Missouri team. With one defeat and one tie dragging them down, they can hardly hope to crawl to the top of the ladder. Oklahoma, with two victories, now has the only entirely clean slate in the Big Six. But the Sooners must yet play Nebraska, Missouri, and Kansas. If they are defeated once, and if the Aggies can win against Ames at Manhattan on Saturday, as they should and of course must do, the battle for the championship will be fought out on Ahearn field on November 23 by Nebraska and K. S. A. C.

Hence it behooves every Aggie far and near to be on hand at Memorial stadium Saturday afternoon to help defeat Iowa State, always a difficult team for the K-Aggies to win from.

Here are the details of the Missouri fight:

Missouri	Pos.	Kansas State
Hursley	L. E. P. Swartz
Kilgore	L. T. Hrabza
McGill	L. G. Bauman
Smith	C. Norton
Brayton	R. G. Stephenson
Armstrong	R. T. Cronkite
Gladden	R. E. Daniels
Waldorf (c)	Q. B. McMillin
Kennedy	R. E. Weller
Johanningmeier	F. H. Fiser
Schaff	R. B. Wiggins

Officials: Referee—Leslie Edmonds,

Ottawa, Umpire—R. D. Sproul, Kansas. Field Judge—C. E. McBride, Missouri Valley. Head linesman—F. E. Dennis, Brown.

Missouri	.....	6	0	0	0—6
Kansas State	.....	0	0	0	7—7

Substitutions: Missouri—Hartman for Brayton, Campbell for Gladden, Huggins for McGill, Garner for Schaff, Nash for Kennedy, Lindenmeyer for Kilgore, Baker for Armstrong, Dills for Johanningmeier, Johanningmeier for Garner, Kilgore for Lindenmeyer, Brayton for Hartman, Gladden for Campbell, McGill for Huggins, Kennedy for Nash, Derry for Kennedy, Armstrong for Baker, Oldham for Johanningmeier, Lindenmeyer for Kilgore, Cox for Oldham, Hupert for Gladden, Nash for Cox, Hartman for Brayton, Huggins for McGill, Garner for Waldorf, Van Dyne for Hupert, McCauley for Smith, Reece for McCauley, Morgan for Hursley, Campbell for Van Dyne.

Kansas Aggies—Prentup for Weller, Towler for Dainels, Yeager for Hrabza, Meyers for Norton, Errington for Bauman, Evans for McMillin, Meissinger for Errington, Prentup for Meissinger, McMillin for Evans, Hrabza for Yeager, Tackwell for Wiggins, Weller for Tackwell, Hardtarfer for Hrabza, Errington for Hardtarfer, Auker for Errington, Towler for Stephenson, Tucker for Towler, McBurney for Auker. Missouri scoring—touchdown, Gladden, Kansas Aggie scoring—touchdown, Wiggins; try for point, Tackwell. Yards gained in scrimmage—Missouri, 106 yards; Kansas Aggies, 47 yards. Punts—Missouri 10, averaging 37.4 yards; Kansas Aggies 13, averaging 33.1 yards. Forward passes—Missouri completed 9 of 28 for 166 yards; Kansas Aggies completed 7 of 16 for 57 yards. Lost ball on intercepted pass—Missouri, 4; Kansas Aggies, 1. Kickoffs—Missouri, 0; Kansas Aggies, 4 for 192 yards. Kickoffs returned—Missouri, 90 yards; Kansas Aggies, 0. Punts returned—Missouri, 64 yards; Kansas Aggies, 49 yards. Yards penalized—Missouri, 95; Kansas Aggies, 30. First downs—Missouri, 10; Kansas Aggies, 5. Fumbles—Missouri, 4 (lost ball on three); Kansas Aggies, 2 (both recovered).

THETA TAU INITIATES 38 IN REORGANIZATION

Presbyterian Girls' Society Has Banquet and Elects Officers—Katherine Harding New President

Theta Tau, a society composed of Presbyterian girls who are students at K. S. A. C., was reorganized and held its initiation service Monday, October 7, at the home of the Rev. and Mrs. William U. Guerrant. The service was followed by a banquet at the Wareham hotel. Thirty-eight were initiated. Sponsors of the organization are Miss Grace Derby, Miss Grace Henderson, Mrs. Randall Hill, Mrs. R. H. Brown, Mrs. Sallie Darden, Mrs. Dan Blanchard, and Mrs. Guerrant.

Officers were elected as follows: president, Katherine Harding, Manhattan; vice-president, Elsie Mae West, Manhattan; secretary, Grace Zeller, Manhattan; treasurer, Ruth Graham, Manhattan; marshal, Myrtle Johnson, Concordia; chaplain, Mabel Ruthi, Bloomington. Other members of the organization are Frances Rebecca Curtis, Kansas City; Mary Sayre, Manhattan; Bernice Cousins, Manhattan; Katherine Fullinwider, Topeka; Lora Hilyard, Manhattan; Alice Peppiatt, Ellsworth; Eunice Reed, Kanopolis; Doris Bramwell, Concordia; Margaret Darden, Manhattan; Ruth Miller, Palco; Lavone Goheen, Oak Hill; Thelma Reed, Kanopolis; Zola Miller, Minneapolis; Letha Goheen, Oak Hill; Carol Owsley, Manhattan; Mina Paddock, Lakin; Anna Reed, Kanopolis; Grace Mary Gustafson, Marysville; Martha Dunlay, Pratt; Hilma Davis, Manhattan; Alice Maxiner, Manhattan; Genevieve Shellhaas, Junction City; Esther Herman, Abilene; Lucille Palmquist, Concordia; Trilla Goheen, Manhattan; Margaret Eiler, Oberlin; Gladys Bulkstra, Manhattan; Gladys McKown, Manhattan; Dorothy Mannen, Lincoln; Merle Mark, Abilene; and Lonie Britt, Manchester.

Big Six Scores

Kansas Aggies 7, Missouri 6.
Oklahoma 21, Iowa State 7.
Nebraska 12, Kansas U. 6.

GAMES THIS WEEK

Kansas Aggies vs. Iowa State at Manhattan.
Kansas U. vs. Oklahoma at Norman.
Missouri vs. Washington at St. Louis.
Nebraska, open date.

Edwards to Texas League

A. R. Edwards of Fort Scott, former Aggie football, basketball, and baseball star, will play baseball next year with the San Antonio club, of the Texas league. Edwards was with the Independence club of the Western association last year. He is at present coaching at Concordia.

Forty-nine years ago there were only two people engaged in the telephone business. Today there are 300,000 in the United States.

ANNUAL POTATO SHOW WAS SUCCESSFUL ONE

BROUGHT FORTH QUANTITY AND QUALITY

Charles Speaker Won Cup in Professional Class for Irish Spuds—Three Lawrence Boys Take 4-H Awards

A half dozen faculty members of the college who attended the Ninth Annual Kansas Potato show at Topeka last week reported it one of the best ever held from the standpoint of excellency of the program, attendance, quality and quantity of displays, and the interest manifested by those present.

In the general show, Manhattan, Abilene, and Kansas City growers claimed major honors. A. W. Travis, Manhattan, with a first, two seconds, a fourth and a fifth placing in five out of six classes, was an outstanding winner, while R. J. Short and Frank Travis, both of Manhattan, came in for their share of honors.

CLEMENTS WON A CUP

Rollie Clements and Clarence M. Garten upheld the reputation of Dickinson county when Clements was awarded the large silver loving cup for the best exhibit of sweet potatoes in the professional class and his teammate, Garten, claimed three first awards in the non-professional sweet potato classes.

Charles Speaker of Kansas City this year again won a large silver loving cup offered in the professional class for the best exhibit of Irish potatoes, making the second time Speaker has won the cup. The exhibitor winning the cup three times retains permanent possession of it.

Such speakers as Dr. William M. Jardine, president of the United Growers, past president of K. S. A. C., and past secretary of agriculture; Wells A. Sherman, chief economist, division of fruit and vegetable investigation; J. T. Quinn, professor of horticulture, University of Missouri; and L. E. Melchers, professor of plant pathology; Dean H. Umberger, director of extension, and Dr. W. E. Grimes, head of the department of agricultural economics, K. S. A. C., made the program prove most interesting. E. H. Leker, extension plant pathologist of K. S. A. C., reported.

Transportation and marketing, disease control, soil fertility, use of certified seed, storage and quality and size of pack all received their attention with the marketing problem holding the limelight.

Other speakers assisting with the program were Charles Speaker, potato grower, Kansas City; James W. Trant, potato grower, Edwardsville;

C. V. Cochran, potato farmer, Topeka; Duke D. Brown, county agent, Kansas City; Jesse Haney, potato dealer, Topeka; and O. H. Elmer, assistant professor of plant pathology, L. E. Willoughby, associate professor of farm crops, A. J. Schoth, assistant professor of junior extension, and W. P. Mortenson, associate professor of agricultural economics, K. S. A. C.

THE 4-H CLUB WINNERS

In the 4-H club division a three weeks' trip through the potato districts of Minnesota was won by Wilfred Pine, Lawrence, for having performed the best work during the past three years in potato club work. Glen Weeks, Lawrence, was awarded a free trip to the Eighth National 4-H Club congress and International Livestock and Hay and Grain show at Chicago as the Kansas State champion 4-H potato club member for 1929. The Jayhawk 4-H Potato club, Douglas county, won the potato judging contest and was awarded the large silver loving cup. Lloyd Pine won the gold medal for high individual.

FOOTBALL NOTES

Captain A. H. Freeman of the Kansas Aggies brought back a novel trophy for the K-Aggie varsity dressing room, from the Missouri game last week. It is a horseshoe, apparently from the foot of a rather small Missouri mule. Freeman found the shoe in the Aggie dressing room before the game, carried it to the sidelines with him, and brought it back home with him after the game.

Bill Meissinger of Abilene, one-letter halfback on the Kansas Aggie football squad, is firmly convinced of the infallibility of a certain Aggie co-ed as a football prophet. Just before the K-Aggie-Missouri game at Columbia last Saturday, Meissinger received a telegram. Among other things the telegram predicted a 7 to 6 Aggie victory. Meissinger saved the telegram and says he's going to have it framed.

Paul (Pete) Fairbank, of Topeka, Kansas Aggie sophomore end and squad humorist, would like to arrange a football game with himself as sole contestant. Fairbank is a promising young end but didn't get into the Missouri game last Saturday because of the apparent "indestructibility" of the regulars. "I want to play a game without anybody around to bother me," Fairbank said on the homeward journey, "I'd kick all the punts and run down and catch them, and boy how I would run through myself for those touchdowns."

Grade and test your seed corn.

PROGRESS OF KANSAS PRESS

F. E. C.

Not every town of approximately 650 inhabitants will support as good an eight page, all-home-print paper as the Colony Free Press. Neither will all editors in such towns give the readers the kind of a paper Editor Lee R. Hettick gives Free Press subscribers.

The Hoisington Dispatch, edited by Roy Cornelius, crowds a lot of ads and news into a seven column 12-page edition. Little space is wasted on headlines, the straight matter is set solid, and legals, real estate transfers, and the like are set six point solid.

Editor Fred Swinney of the Columbus Daily Advocate believes in advertising his state. Under a standing head suggesting to readers that they should know their state, the Advocate reprints statistics from Charles Beebe's "Kansas Facts." As with house-cleaning, advertising Kansas can well start at home.

Longford in Clay county is listed with a population of 203 but you'd think it a bigger town by the size of the Longford Journal, published by W. C. Roughton. And apparently Mrs. Albert Cain, local editor, keeps very busy at her specialty. Four pages of local news plus four readyprint make a bulky little sheet.

This week marks the occupancy of a new home by the Coffeyville Journal, that excellent southeastern Kansas paper published by Hugh J. Powell. As part of the house warming program Mr. Powell and his asso-

ciate, Stanley Platz, entertained with a banquet. The Journal has helped build Coffeyville, so it's fair enough for Coffeyville to help build the Journal.

A new paper to be noticed on this desk is Chester Shore's Augusta Daily Gazette. It's not a new paper by any means but one we haven't noticed much since Mr. Shore took it over. Though it has the AP service, the Gazette wisely runs to home town news. One of its features is a news column headed "Concerning Us," in which are items about people from other towns and cities but who are in some way linked up with Augusta.

The Augusta Gazette reprinted from the Leavenworth Times an excellent editorial on news suppression. A portion of it is herewith reproduced because it epitomizes the sense of all good newspapermen:

News Must Be Printed

Frequently the newspaper is requested to suppress the facts of some happenings in which the public is interested. Sometimes these requests come from the humble citizens, oftener from those more prominent in society, and always it is distressing to the editors, if the story be not creditable, to refuse the request. But it must be done. It is a rule of reputable newspapers to have no favorites in such matters but to give the facts. The Times has hurt its best friends in some instances by insisting on this rule, but this cannot be helped. The newspaper owes it to its public to give the facts. Good newspaper men put private consideration aside at such times and heve to the line of professional honor, depending upon the great physician, Time, to justify their course in the minds of those who have been denied special news favor.

IOWA STATE CYCLONES NEXT AGGIE OPPONENTS

WILDCATS MUST WIN TO STAY IN TITLE RACE

Ames Team Expected to Furnish Hard Battle Despite Previous Losses—Two Aggie Backs Out—Line To Be Stronger

With everything to lose by defeat, the Kansas Aggie football squad is taking the Ames game at Manhattan next Saturday with the utmost seriousness, despite the fact that Iowa State has lost all three of its conference starts thus far.

The Ames team goes under the nickname of "Cyclones" and has a habit of becoming quite cyclonic at the most inopportune moments, as witness the K-Aggie team of 1926, which lost to Iowa State 3 to 2 most unexpectedly.

Football followers generally, outside of those living in the state of Oklahoma, believe that an Aggie victory over Iowa State would give the Wildcats an opportunity to play Nebraska for the Big Six championship, at Manhattan November 23. Before this can come about at least one team must be found to subdue the undefeated Oklahoma Sooners, but since the latter have yet to play Nebraska, Kansas U., and Oklahoma, their subjugation is not improbable.

NEBRASKA HAS TIE

Should only one team defeat Oklahoma, the K-Aggies could tie for the conference title by defeating Ames and Nebraska, but if the Sooners go down twice the Wildcats would be undisputed champions by winning both games. Nebraska also is undefeated at present, but has a tie with Missouri to mar the record.

Alex Nigro, halfback who developed a leg infection enroute to Columbia, Mo., and spent the time of the Missouri game in the hospital, was expected back in Manhattan this week but will not be able to play before the Nebraska game November 23. Frank Prentup, sophomore half, is suffering from a severe cold that probably will keep him out of the Ames game.

Work on the offense will take up much of the K-Aggie time this week, as Coach McMillin was disappointed with the way it sputtered and stopped against Missouri.

Bill Meissinger of Abilene, junior halfback who was hurt in the Oklahoma game, is in improved condition, while George Wiggins, sophomore fullback who made the touchdown run against Missouri, has a lame leg but should be able to go against Ames.

In the line the team's strength should be at its peak for Saturday's game, with C. O. Tackwell and Captain A. H. Freeman returning after being out since the K. U. game. Al Tucker, Ottawa, big sophomore tackle, also will be ready for Ames, as will Forrest Schooley, Sophomore end.

SOPHOMORE BACK IMPROVES

The weekly game between the varsity reserves and the freshmen Monday developed some good work by Oscar Hardtarfer, sophomore halfback, and he may get his chance Saturday. Bob Sanders, big varsity center, also did good work in the Monday game.

After the Iowa State encounter the team has a week of rest before meeting Nebraska, although the freshmen play the Creighton freshmen at Manhattan.

Ames has lost to Missouri 19-0, Kansas U. 33-0, and Oklahoma 21-7 thus far this season. Return of Paul Trauger, Ames star halfback, to the lineup is expected, and will make the Aggies' job much more difficult.

Moser Opens Own Office

Leo Moser, '18, New York City, has resigned as general executive of Grover O'Neill & Co. and Joint Investors, Inc., to open his own office as public relations counsel to financial organizations. He has been retained by the Ungerleider Financial Corporation, the \$25,000,000 investment company organized last May by Samuel Ungerleider & Co., members of the New York Stock Exchange.

Big Six Standings

	W.	L.	T.	Pct.
Oklahoma	2	0	0	1.000
Nebraska	2	0	1	1.000
K-Aggies	2	1	0	.667
Missouri	1	1	1	.500
Kansas U.	1	2	0	.333
Iowa State	0	3	0	.000

THE KANSAS INDUSTRIALIST

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Number 9

PLANS ARE LAID FOR 1930 WHEAT PROGRAM

COOPERATING GROUPS MET HERE SATURDAY

Four State-Wide Campaigns Will Carry Grain Improvement Gospel and Better Homes Idea to Kansas People

During 1930 the Kansas wheat belt improvement program will be carried to farmers of 59 counties that produced 10,338,065 acres of 87 per cent of the 1928 Kansas wheat crop. This was decided at a conference held at Manhattan, November 9, attended by representatives of the Kansas State Agricultural college, the Kansas state board of agriculture, Southwest Wheat Improvement association, railroads, chambers of commerce, federal and state grain inspection bureaus, the press, and other interested organizations.

Those attending the meeting made definite plans for a year's work which will carry this program to the wheat farmers through a series of four state-wide campaigns.

FOUR STATE-WIDE CAMPAIGNS

The first of these campaigns will be a series of 13 two-day district wheat schools to be held in January and February, at Wichita, Kingman, Pratt, Ashland, Dodge City, Salina, Great Bend, Salina, Mankato, Dighton, Norton, Hays, and Colby. Wheat farmers who have been delegated by various communities will attend these schools and take the information back to their neighbor farmers.

This series will be followed by 10 district grain grading schools to be held for elevator managers by the Kansas State Agricultural college co-operating with the federal and state grain inspection departments. These meetings will be held during April at Dodge City, Great Bend, Wichita, Salina, Smith Center, Hays, Colby, Hutchinson, and Dighton.

In June farmers of many counties will have an opportunity of seeing the results of methods advocated demonstrated on field test plots in their own counties. These wheat field meetings will be conducted by the agricultural college, extension division, and county farm bureaus.

THE ANNUAL WHEAT TRAINS

The climax of the year's activities will be agricultural trains to be run over the Santa Fe and Rock Island railroads with stops in every important wheat county in their territories. This train will carry exhibits showing the benefits which farmers have received by adopting the wheat belt program, as well as exhibits showing methods of improving the home.

The five-year wheat belt program was launched in 1926, and according to H. Umberger, dean and director of the extension division, "is now entering its fifth year, which to all appearances will be a fitting climax to one of the greatest agricultural improvement programs ever conducted in the United States." The program has embodied within it the use of good seed of adapted varieties, the maintenance of soil fertility, proper seed bed preparation methods, control of wheat destroying insects, control of smut, selling on a quality and grade basis, and a careful study of markets as a guide to marketing the crop.

PROGRAM GETS RESULTS

Three years of work on this program on which results are available have shown progress, Prof. A. L. Claff of the extension division shows. Covering this period, there is definite record of the sale of 1,741,000 bushels of seed of adapted varieties free from smut, rye, and weeds.

In 1928, 10 county agents located in counties where the use of summer fallow and wide spacing of row crops is adapted, reported wheat planted on 68,710 acres of land was handled by this method. Early preparation of seed bed is becoming a recognized necessity as indicated by the statement of F. L. Timmons, former county agent of Pratt county, that in 1929, 80 per cent of Pratt county

wheat land was worked by August 1. Through this program Kansas farmers are learning methods of insect control. A total of 14,213 farmers controlled insects on 2,278,275 acres of crops in 1928 according to reports of Kansas county agents. Wheat growers have learned the toll that smut takes from their wheat crop each year and they are fighting it with the best known methods. County agents reported 294,845 acres of wheat treated for smut in 1925 and 3,302,000 acres in 1928.

Elevator managers in fifteen counties have recognized the value of paying the producers of good quality wheat the real value of their product, and are now buying on a quality and grade basis.

Champion wheat growers will be chosen by counties as a part of the 1930 program and a state champion will be named from the county winners. It is probable also that county and state wheat "queens" will be chosen.

J. W. MCCOLLOCH DEAD AFTER LONG ILLNESS

Entomology Professor Connected With College Since 1910—A Strong Research Specialist

James Walter McCulloch, 40, professor of entomology at the Kansas State Agricultural college, died Monday afternoon, November 11, at 3:30 o'clock following an illness of five weeks. Professor McCulloch was seriously ill a year ago this winter but was able to resume his regular duties during the summer months. About five weeks ago he became ill again and gradually grew worse. He was afflicted with cancer.

Professor McCulloch's connection with the staff of the agricultural college dates back to 1910 when he was an assistant in the department of entomology. Upon graduation from K. S. A. C. in 1912 he became an instructor in entomology. He was awarded the master of science degree in 1923 by the college and in 1925 was made professor of entomology. He was an associate entomologist for the Kansas agricultural experiment station since 1918.

He was considered one of the strongest research men in entomology in the United States according to Prof. George Dean, head of the entomology department. He was the author of several bulletins and circulars.

He is survived by his parents, Mr. and Mrs. R. P. McCulloch, and his wife and two children, Marjorie and Robert. Funeral services will be at 2:30 o'clock tomorrow. Burial will be in Sunset cemetery.

AGGIE HARRIER TEAM STILL IS UNDEFEATED

Crippled Sextet Noses Out 27 to 28 Victory Over Iowa State—Conference Next Week

The Kansas Aggie cross country team remained undefeated by defeating Iowa State 27 to 28 in a dual meet held at Manhattan last Saturday. The Wildcat team was crippled by the absence of Captain H. S. Miller and Henry Gile, Scandia, both regulars.

Captain Ray Putnam of Iowa State, outstanding individual runner in the conference, won the race over a muddy course, and Thompson of Ames was second. John Hoyne, Lee Toadvine, and John Carter in third, fourth, and fifth for the Aggies, with Backus and Steps seventh and eighth and Harold Richardson, tenth. The tenth place did not count, as Richardson was the sixth Aggie to finish. Backus was running with a sore foot.

The next race will be in the Big Six meet at Nebraska on Thanksgiving day. The K-Aggies and Kansas university, each undefeated, are expected to battle it out for the championship. The Aggies have defeated Oklahoma, the Oklahoma Aggies, Missouri, and Iowa State.

When I am here, I do not fast on Saturday; when at Rome, I do fast on Saturday. —Saint Augustine.

FARRELL ANNOUNCES AGRICULTURAL PRIZE

SENATOR CAPPER ESTABLISHES \$5,000 AWARD

Committee of Seven Is to Choose Annually a Person Who Has Rendered Outstanding Service to Agriculture

Establishment of a \$5,000 cash award, accompanied by an appropriate medal, to be awarded annually to a person who has rendered service of outstanding merit to the agriculture of the United States was announced in Chicago yesterday before the Association of Land Grant Colleges and Universities by President F. D. Farrell, of K. S. A. C. The award is established by Senator Arthur Capper of Kansas, publisher and leader in various farmer movements.

His objective in creating the yearly prize, it was explained by President Farrell, is to provide a concrete expression of gratitude to some of the persons who make contributions of national importance to American agriculture, and to assist in stimulating public appreciation of unusually fine service to the country's basic industry. Doctor Farrell made the announcement as chairman of the award committee.

CITES AGGIE GRADUATE

Illustrations of the kind of service Senator Capper has in mind, it was explained, have been furnished by such men as the late G. Harold Powell of the California Fruit Growers exchange, the late James L. Reid, who produced Reid's Yellow Dent corn, and the late M. A. Carleton, K. S. A. C. 1887, who introduced Durum wheat into the United States, "to name only a few who might be eligible for the award if they were living."

The committee appointed by Senator Capper to select the people to receive the award will meet in Chicago, November 15, to formulate methods of procedure and to decide upon rules of eligibility. Members of the committee include seven men "representing the principal sections of the country, the industrial and scientific phases of agriculture, and some of the major divisions of national economic and educational activity."

FOR AGRICULTURAL SERVICE

The only restriction laid upon the committee is that the award be made only for service to agriculture in the United States. Senator Capper desires the award to go to persons whose service to agriculture in the United States is of outstanding merit and of national importance. The committee will be instructed to feel under no obligation to select each year a person who has rendered the "most valuable" service to agriculture in a given time as such a task "would be exceedingly difficult if not practically impossible."

President Farrell will act as chairman of the award committee at its first meeting.

Other members of the committee of seven are John H. Finley, editor of the New York Times; Carl R. Gray, president of the Union Pacific system; James T. Jardine, director of the Oregon Agricultural Experiment station; Frank O. Lowden, former governor of Illinois and owner of Sinissippi Farms, Oregon, Ill.; H. A. Morgan, president of the University of Tennessee, and Walter T. Swingle, K. S. A. C. 1890, plant physiologist and agricultural explorer, United States department of agriculture. The secretary of the committee is Floyd B. Nichols, K. S. A. C. 1912, managing editor of the Capper farm press.

NOUMAN STUDIES DRY FARMING FOR USE IN HEART OF TURKEY

Was at K. S. A. C. Last Spring—Now at Nebraska

Simeha Nouman, of Turkey, who was a student in agriculture at the college last spring semester and summer school, now is studying at the University of Nebraska, Lincoln,

and plans to go to Chicago later for additional training.

Nouman took an intensive course of instruction in dry land agriculture. He expects to use his newly acquired knowledge in pursuing a plan for revolutionizing agriculture in Asia Minor. Nouman will direct his efforts in handling a model farm virtually in the heart of Asia Minor.

STUDENTS SIGN PACT TO END CAMPUS WARS

Kansas Aggie and Kansas University Council Representatives Agree to Punish Violators of Treaty

Signing of a treaty intended to end campus warfare between students at the college and the university before their annual football game was announced November 11, Armistice day, by James Yeager, president of the Kansas Aggie student council.

Three representatives from the Kansas university men's student council, and three from the K. S. A. C. student council, wrote and signed the treaty at Manhattan November 10.

Among other things, the treaty is "to abolish forever all manner of school fights and pre-game activities between the two schools," since "these fights have grown to such proportions in the last few years that the friendly relations of the two institutions are endangered, that unpleasant publicity results to each school, that there is serious danger of grave personal injuries, and that much property is damaged and ruined."

The agreement is to be binding on all future student councils of the two schools, each agreeing, in case the treaty is broken, to "mete out serious punishment for such violation." Each council will be held responsible for the punishment of its own students.

James Yeager of Bazaar, Milton Allison of Great Bend, and James Bonfield of Elmo, signed for the K. S. A. C. student body. Clarence Munns, president of the university men's student council, John Boyer, and David Wilson signed for the university.

AGGIE FRESHMAN ELEVEN LOSES TO K. U., 39 TO 7

Going's 70-Yard Run to Touchdown Only Wildcat Score

The Kansas Aggie freshman football team was defeated, 39 to 7, by the Kansas university freshmen in a game played at Lawrence last Saturday. Shortly after the start of the game J. Going, Aggie freshman, ran 70 yards for a touchdown. Walker and R. Smith were among the outstanding freshman backs.

At the end of the half the university team was leading, 12 to 7, and removal of several Wildcat regulars with injuries in the last half caused the team's defense to collapse before the assaults of an unusually powerful set of Jayhawk freshman backs.

The Aggie freshmen will play the Creighton freshmen here Saturday.

BIG SIX CONFERENCE SENIORS NOT TO MEET SOUTHWEST TEAM

Faculty Committee Declines Invitation of Dallas, Tex., Group

Decision not to schedule a post-season football game between senior football players of the Big Six conference and seniors of the southwest conference was reached at the meeting of Big Six faculty representatives in Manhattan last week. Last year such a game was played at Dallas, Tex., the proceeds going to charity. Dallas business men again invited the Big Six representatives this year.

Belief that the value of the game was not worthy of the time and effort spent on it, especially since unfriendly feelings between the two teams arose on the field last year, prompted the committee's decision, according to Dr. H. H. King of K. S. A. C., chairman.

The greatest of faults, I should say, is to be conscious of none. —Carlyle.

NEBRASKA GAME NEXT, OPEN DATE SATURDAY

BATTERED BUT HAPPY, AGGIES
WORK ON NEW PLAYS

Husker Victory Over Oklahoma This Week-end Would Give Wildcats Chance at Clear Title by Defeating Lincoln Team

With an open date on the schedule for next Saturday, the somewhat battered but highly elated Kansas Aggie football squad took an armistice from heavy practice the first two days of the week before settling down for the serious business of preparing for Nebraska.

The game with the Huskers November 23, which is also Parents' day, will be for the Big Six championship if Nebraska can down the Oklahoma Sooners, holders of third place, at Lincoln next Saturday.

All the Kansas Aggie squad, with the exception of Lud Fiser, halfback, should be in shape for the Husker game, and Fiser may be able to play though he suffered a bad shoulder injury in the Iowa State game. Price Swartz, fullback-end, Laurence Norton, center and utility lineman, Eldon Auker, sophomore back, and others received minor injuries in the Ames game, but should all be able to play by November 23.

TEAM'S POSITION STRATEGIC

The first practice days of this week were spent in signal drill on new plays for use against Nebraska.

For the first time in several seasons the Wildcats are in a highly strategic position as regards the conference championship. Only Nebraska, perhaps the highest hurdle, remains on the team's Big Six schedule, although Marquette will follow on Thanksgiving day. The Huskers have Oklahoma, the K-Aggies, and Iowa State to play. Kansas university, conquerors of Oklahoma and Iowa State, already has lost to Nebraska and the Aggies, and has the very potent Missouri Tigers left.

Oklahoma has a chance at the title, but must defeat both Nebraska and Missouri. Since K. U. defeated the Sooners last Saturday without the aid of Jim Bausch, it seems probable Ad Linsey's team will lose at least once more.

In defeating Missouri the Aggies took out of the race what had been thought the strongest team in the conference, despite Missouri's 7 to 7 tie with Nebraska.

Alex Nigro, Aggie halfback who was taken from the train to a hospital the day before the Missouri game, was out for practice Monday, and was used a few times in signal drill.

The team was fortunate in the Ames game, in that Freeman, Tackwell, Towler, Tucker, Meissinger, and McMillin, all more or less casualties, were not re-injured when it became necessary to use them to subdue the Cyclones.

NEBRASKA TIED ONCE

If the present Wildcat team defeats Nebraska it will accomplish what no other Purple eleven has done. Charlie Bachman's squad of 1925 got a well earned tie on the home field, and the following year Nebraska won a rainy, muddy battle 3 to 0.

Several members of the team will journey to Lincoln Saturday for the Nebraska-Oklahoma game. They will be released from practice for the afternoon, but must obtain their own transportation and admittance to the game, in accordance with Big Six rules.

A Husker victory over the Sooners is much desired by the Wildcats, who then would be presented with a clear-cut issue on November 23, with an undisputed title as the reward for victory.

Sweet Clover for Hay

Sweet clover in Kansas is principally a supplementary pasture and soil improvement crop but may be utilized for hay and feed. The biennial white-blossomed variety is the best for general Kansas conditions.

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R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, NOVEMBER 13, 1929

RURAL VERSUS CHAIN BANKS

Chain or group banks are steadily absorbing banks in smaller cities and towns throughout the country, and there are indications that the process will be extended into rural communities. In some parts of the country, indeed, it is well under way.

This tendency has alarmed bankers in such communities much more than it has their customers, because the failure of 3,000 banks in interior rural points in the past eight years has somewhat shaken public confidence in the ability of the average rural banker to cope with conditions that do not come within the scope of the ordinary or fair weather routine.

It cannot be denied that the time may not be far distant when practically all the banking in the country will be in the hands of a few dominant groups, as it is in Canada today.

In this connection it may not be amiss to remember that in the Dominion a dozen banks serve the entire country, having about 4,000 branches with which to do so. There has been no bank failure in Canada for many years.

Rural bankers view the chain or group tendency with alarm because it seems to them that the chain system will mean the passing of the individualistic system; that under chain management rural units would be managed by clerks dependent upon headquarters for their orders; that the change would be likely to work hardships on the growth of small communities and their business interests. With financial power centered in large cities, rural bankers fear the small borrower and the small farmers would suffer.

On behalf of the group system the chief arguments are that it will weed out incompetent and inexperienced bankers and place the institutions under capable heads. Instead of personal-policy management, a uniform control and definite rules will prevail. The chain system also will permit of concentration of money when and where it is most needed, and the danger of loss to depositors through failures will be, generally speaking, a thing of the past, as it is and has been in Canada for many years.

Analysis of these arguments, pro and con, shows that while the trend undoubtedly is against the continuance of a multiplicity of rural banks, there is no convincing reason why locally-owned and locally-managed banks cannot survive IF they are better banks than the chain units. Local bankers undeniably have a closer and more sympathetic understanding of their communities than is possible for branches of giant banks which, so to speak, are operated by remote control.

Thus it would appear that rural bankers who can combine the best features of both systems need not tremble over the advent of chain rivals. Other things being equal, the personal element will always be the deciding factor, but, it must be remembered, the "other things" must be equal, because the public will quickly judge and give its patronage to the better institution, which need not necessarily be the stronger institution.

A STATEMENT ON EVOLUTION

A statement of the position of representative scientists on the theory of evolution is contained in the following resolution adopted by the executive committee of the council of the American Association for the Advancement of Science:

"Inasmuch as the attempt has been made in several states to prohibit in tax supported institutions the teaching of evolution as applied to man, and

"Since it has been asserted that there is not a fact in the universe in support of this theory, that is a 'mere guess' which leading scientists are now abandoning, and that even the American Association for the Advancement of Science has approved this revolt against evolution, and

"Inasmuch as such statements have been given wide publicity through the press and are misleading public opinion on this subject;

"Therefore, the executive committee of the council of the American Association for the Advancement of Science adopts the present resolution, which is a reaffirmation of the resolution adopted by the council of the association at the fourth Boston meeting, December 26, 1922, in order that there may be no ground for misunderstanding of the attitude of the association, which is one of the largest scientific bodies in the world, with a membership of more than 18,000 persons, including the American authorities in all branches of science. The following statements represent the position of the council with regard to the theory of evolution:

"1. The council of the association has affirmed that so far as the scientific evidence of the evolution of plants and animals and man are concerned, there is no ground whatever for the assertion that these evidences constitute a 'mere guess'. No scientific generalization is more strongly supported by thoroughly tested evidence than is that of organic evolution.

"2. The council of the association has affirmed that the evidences in favor of the evolution of man are sufficient to convince every scientist of note in the world, and that these evidences are increasing in number and importance every year.

"3. The council of the association has affirmed that the theory of evolution is one of the most potent influences for good that have thus far entered into human experience; it has promoted the progress of knowledge; it has fostered unprejudiced inquiry; and it has served as an invaluable aid in humanity's search for truth in many fields.

"4. The council of the association is convinced that any legislation attempting to limit the teaching of any scientific doctrine so well established and so widely accepted by specialists as is the doctrine of evolution would be a profound mistake, which could not fail to injure and retard the advancement of knowledge and of human welfare by denying the freedom of teaching and inquiry which is essential to all progress.

SHE VISITS WITH THOUSANDS OF FARM WOMEN

"I visit with farm women every day—by letter. They tell me the kind of homes they want and the things they dream for their children. They want the right kind of draperies and rugs, with lots of color, to make their homes bright and cheerful.

"Farm women ask for all that the city offers, but they refuse to swallow it whole. They select from the new-found luxuries those things that make for beauty and comfort, and discard the cheap frills of modern civilization.

"This daily inpour of letters—about 150,000 last year—has taught me more about the women of the land than I learned in the years I spent growing up in a Kansas farm community," says Clementine Paddleford, commenting on her position as household woman's editor of Farm and Fireside, a national farm magazine with a million and a half circulation.

The perception and experience that lie behind the brief remarks from this young woman are an indication of why, in a few years' time, she quadrupled the importance of a job that was big to start with.

Miss Paddleford took her journalism work at the Kansas State Agri-

cultural college. After graduation she wrote publicity for the Hayes-Loeb company, Chicago, and was assistant editor of Milk Market Reporter. While enrolled in graduate courses at New York university she wrote business articles and reviews for Administration.

From her freshman year at college on she has written incessantly—feature articles on agricultural subjects for newspapers and magazines.

A professor of journalism at the Kansas State Agricultural college partly attributes her insight into the reader mind to the fact that she comes from the geographical center of the United States; hence has come in constant contact with the average point of view.

But it is a pretty safe surmise that

of farm land, the property tax should never go beyond 1 per cent of selling value. —Richard T. Ely in the Farm Journal.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

A son, Henry Joseph, was born to E. H. Smies, '13, and Mrs. Winifred (Alexander) Smies, '10, at Leavenworth.

Sixteen alumni of the engineering division gave a dinner in honor of their dean, A. A. Potter, in Bartlesville, Okla.

Cleda M. Pace, '16, took charge of the Y. W. C. A. hostess house cafeteria at Newport News, Va. She had

Otto Frederick Hunziker

J. B. Fitch in Successful Farming

A town boy's love for handling dairy cows gave dairying one of its 10 master minds—Hunziker, the scientist of dairy manufacture, who spent most of his boyhood summers working at all sorts of jobs on the dairy farms of the neighborhood.

That boyhood love provided a splendid background for the man—Otto Frederick Hunziker—who, more than any other individual, has taken the guesswork out of buttermaking. Without background there can be no vision. Thanks largely to the vision of this man, his love for the little, everyday things that make up life on the dairy farm, his studies and research work, butter-making is now a manufacturing process with a scientific foundation for every step, a foundation as solid as that enjoyed by other great manufacturing industries.

To that big majority of farmers who must depend on the creameries to provide a market for the product of the cows, the change from guess to science in butter manufacture has meant millions of dollars in increased returns.

In spite of the many honors that have come to him, Hunziker has remained a modest man, most tolerant of all who seek advice from him, and the requests come from all over the world. He gives help unselfishly on any dairy problem. It is fortunate that his selection as one of the 10 master minds of dairying has come at a time when he can appreciate the honor, which may in turn encourage him to even greater accomplishments for the industry. For that may well be expected of Hunziker, now in his fullest manhood—a good son of his native Switzerland, proud of his American citizenship by choice, and a world leader in dairying.

Miss Paddleford would make a whale out of small fry, whether she were from Maine or California or the intervening spaces. —The Matrix.

SCIENCE UNDER STATE CONTROL

The organization and endowment of scientific research in Russia is described by a scientific journalist who has had unique opportunities for inspecting the laboratories of Moscow and Leningrad. What appears to be contemplated there is no less than the complete integration of the state, science, and industry. In the light of this article it is interesting to note the case for the creation of a government department of science in this country which is to be put before the royal commission on the civil service, though, of course, this proposal at present only covers that small section of the scientific field which is already under state control. The matter is being raised by the Institution of Professional Civil Servants and the Association of Scientific Workers, who believe that the waste resulting from the sporadic growth of the state scientific services can only be eliminated by the coordination of all branches of research under one special department. —Manchester Guardian Weekly.

ELY SPEAKS FOR INCOME TAX

All taxes should normally and regularly come out of income. Property taxes are only an indirect way of getting at income, and a very antiquated way, at that. We are far behind the times on our system of taxation. The experience of the world in the last 50 years has shown the practicability of getting a large proportion of all taxes from incomes. These may be supplemented and should be supplemented by reasonable property taxes, but in the case

been a teacher in Osawatomie high school.

TWENTY YEARS AGO

D. H. Zuck, formerly farm foreman for the agronomy department, came from Colorado to look after business interests.

The faculty voted to close the fall term December 23 instead of December 24, so as to give the students a chance to reach home before Christmas eve.

THIRTY YEARS AGO

Minnie Copeland, '98, who taught at Garrison, brought some specimens of gypsum collected in that locality and donated them to the mineralogical museum.

Charles H. Sternberg, f. s. in 1876, visited here. He was one of the most successful geological collectors, and some of his collections appeared at Yale, Harvard, and Pennsylvania universities, and in European museums.

FORTY YEARS AGO

George F. Guy, f. s. in 1882, was elected clerk of Riley county on the Democratic ticket.

H. S. Willard, '89, who was teaching at Keats, read a paper on physical training before the Riley County Teachers' association.

D. E. Bundy and R. U. Waldraven, '89, O. L. Utter, '88, A. B. Hulit, f. s. in 1885, and E. H. Beckwith, f. s. in 1888, attended the district convention of the Epworth league here.

FIFTY YEARS AGO

An entertainment was to be given in honor of the arrival of President Fairchild, who was expected here November 26.

William W. Enterline shot a bald-headed eagle in the woods across the Kansas river. It measured seven feet and three inches, and weighed 12½ pounds. It was stuffed by Doctor Blachly.

AUTUMN

Carleton Drewry in the Nation

When the cool hours
Curving down the day
Measure a slow mellowing to decay,
Something will draw our eyes
To dream beyond the meadow and the hill
In distances past knowing, past surmise,
Till the mind grows quiet
And intent and still.

Now is no hope to harass,
No grief that needs be said
Over the dreams that pass:
All is undying when dead.
Now desire is done
Under the touch of the sufficient sun.
Freed of all frenzy and bewilderment,
We taste at last a calm futility,
A casual content.

SUNFLOWERS

H. W. D.

AT EASE

Somehow or other I cannot grow concerned over the so-called civilization of the early twentieth century and what is going to become of it, if anything.

This old world has withstood several civilizations and still seems to be spinning around without apparent loss of pep.

It may be that my thinking is confused or plain dumb, but I find difficulty in distinguishing between any contemporary civilization and the status quo or the whatever ails you. It seems that contemporary civilization is only the highbrow name we give to what this old world is blessed with or suffering from at the moment. Every civilization has its advantages and disadvantages, just as every automobile or love affair or case of measles has.

A human intellect, evolved from sixty or eighty years of human experience in a restricted portion of this earth's surface, sometimes develops to the point where it can pass some pretty fair judgments on a radio receiving set or a divorce or an attack of lumbago; but usually it wobbles noticeably when it undertakes to evaluate a civilization several hundred years older than itself, a civilization of which it is only a half portion of an atom.

At the present time the human race seems to be concerned mainly with very material things, most of which, of course, contribute to its physical ease and comfort. If I were an almighty intelligence, of if I had that kind of complex, I should of course say it is too greatly concerned with such things. But as it is, I know only that it is concerned with them. Perhaps the present age is merely the time set apart for the human race to wobble in that direction. Perhaps we mortals are "trending" that way as naively as a child "trends" toward a red-hot stove to learn something that will later lead him to avoid burning buildings.

I suppose that a small number of children are really seriously injured or maimed by red-hot stoves, but I have no fear that the whole race of children will ever be exterminated by them. I should not be surprised if some nations sooner or later suffer considerably from their materialism, but I doubt that the experiment Something is conducting on the earth will ever have to be abandoned because of it.

I should like to bet somebody ten or fifteen cents that if materialism ever gets to be a real menace idealism will stage an offensive that will make us glad to forget our fears and dire predictions. It has been only ten or twelve years ago, you will remember, that all of western civilization was weltering in a war motored by an idealism we have just about forgotten. You must remember that the people who do the fighting and the dying are idealists. Only the leaders have subtle, selfish ends.

The main reason we should be satisfied, at least unconcerned, is that we can do nothing about the present-day gas-electric age except talk; and talk is merely pleasant, and not always that. We can inveigh against the disgraceful waste of horse power, but we cannot stop it. So far we have failed to exhaust any resources that we cared much for at the time of the exhaustion. Running out of resources—well, if it hadn't been for that we all might still be missing links or worse.

AMONG THE ALUMNI

John C. Wilkins, '24, is teaching in the Polytechnic high school, Riverside, Calif.

Cora (Thackrey) Harris, '98, Manhattan, called at the alumni office November 6. Mrs. Harris and her husband will spend the winter months at the home of his sister in Harveyville.

Dr. Daniel DeCamp, a '29 graduate in the division of veterinary medicine, is now located in Sedalia, Mo., where he is with the United States bureau of agricultural economics. His work consists of the inspection of dressed poultry.

MARRIAGES

O'BRIEN—SHIELDS

Bertha O'Brien, '27, of Luray, and Wesley Shields, f. s., of Chicago, Ill., were married March 25 at Chicago. They are at home at 7707 Sheridan road, Chicago.

WILLIS—GOERING

Vera Willis, f. s., Manhattan, and Clarence J. Goering, '29, Moundridge, were married June 22 in Manhattan. Mr. and Mrs. Goering are making their home in Newton.

JONES—BAILY

The marriage of Ruth Jones, Missouri university, and Louis Baily, '28, took place in Philadelphia, Pa., October 18. Mr. Baily is assistant superintendent of testing with the General Electric at Philadelphia.

BRADEN—CARPENTER

The marriage of Ethel Braden, f. s., and Francis E. Carpenter, '29, both of Wakefield, occurred July 10 in Manhattan. They are making their home in Linn where Mr. Carpenter is teaching in the high school.

STUTZ—SCHMIDT

Mary Stutz, '28, Manhattan, and Harvey Schmidt, '28, Wamego, were married May 11 at Stillwater, Okla. Mr. and Mrs. Schmidt are making their home in Amarillo, Tex., where Mr. Schmidt is with the Philips Petroleum company.

MEEKER—HAZZARD

Pauline Meeker of Wichita became the bride of Harry I. Hazzard, '28, of Williamsport, Pa., on September 21 at the Trinity Methodist church in Wichita. The couple is making its home in Williamsport, where Mr. Hazzard works for the Locomotive Manufacturing company.

BACHELOR—PIERSON

The marriage of Helen Batchelor, '27, and Donald Pierson, a '27 graduate of the College of Emporia and a student at the University of Chicago the past two years, took place June 12 in Manhattan. Mr. and Mrs. Pierson are at home in Cicero, Ill., where Mr. Pierson is teaching in the J. Sterling Morton school, a high school and junior college with an enrolment of 6,500.

BIRTHS

Earl Litwiller, '24 and '26, and Esther (Storey) Litwiller, f. s., '20, and a '23 graduate of Southwestern college at Winfield, announce the birth of a daughter, Virginia Lee, November 7.

DEATHS

KIRKWOOD

Funeral services for Mrs. R. L. Kirkwood, who died at her home on rural route 8, Manhattan, November 1, were held at the First Presbyterian church November 4. Surviving are her husband, a daughter Vivian, '29, and a son Loren R., who is a student at K. S. A. C.

Burn the Chinch Bug

Beat the enemy before it gets a chance at you! That self-preservation slogan applies to the wheat growers' fight against the chinch bug. Recommendations of Prof. E. G. Kelly, Kansas State Agricultural college, call for burning grass that is protecting the bugs. Careful study has shown that this is the best way to keep chinch bugs under control.

W. K. Charles a Visitor

W. K. "Casey" Charles, '20, was in Manhattan for homecoming and appeared on the program of the annual extension conference held at the college October 21-26. "Casey" now is radio director for Swift and company in Chicago. He is a brother of F. E. Charles, '24 and '29, of the K. S. A. C. journalism faculty.

OUR OWN FOLKS

Frank W. Houston, '23, is now located near Jerome, Ida. He has a fine herd of Holsteins and has recently purchased a farm. Indications are that Frank knows his business.

Kennis Evans, '28, Chicago, visited K. S. A. C. this week. He said that several Chicago Aggies plan to attend the K-Aggie-Marquett football game at Milwaukee on Thanksgiving day.

Nicholas Schmitz, '04, extension agronomist at Pennsylvania State college, State College, Pa., visited the campus this week. Mr. Schmitz was on his way back to Pennsylvania after spending a six months vacation on the west coast.

Harold E. Myers, '28, has been appointed instructor in agronomy, succeeding Assistant Professor Eugene S. Lyons, '21, who resigned to take up fertilizer investigations in the United States department of agriculture. Myers was assistant in soil biology in the college of agriculture of the University of Illinois last year and received his master's degree from there last August. In K. S. A. C. Mr. Myers was high freshman during his freshman year, 1924-'25, editor-in-chief of The Kansas Agricultural Student, 1927-'28, and uniformly outstanding in scholarship.

Mrs. Albert Dickens, '90, who with Mr. Dickens, '93, is in Albuquerque, N. M., writes:

"Mr. Dickens is gaining splendidly and a few more games like K. U.'s and Missouri's will find him cheering on the side lines completely recovered. Our mail box was full a week ago with individual greetings to Mr. Dickens from the county agents of Kansas.

"We just had a short visit with Dr. Helen Thompson, '03 and '07, who is at the University of California, Los Angeles. She came to New Mexico to speak at Las Cruces at a meeting of the workers in the home economics extension service of 12 states, and she brought with her the following greeting:

"Dear Professor Dickens: As is our annual custom, a group of K. S. A. C. alumni living in the vicinity of Los Angeles were gathered about the luncheon table on Saturday, October 26.

"When Dr. Helen Thompson brought us the word that she expected to see you soon, many pleasant remembrances of student days in your classes passed around the table. Our past associations with you as instructor seemed to be quite vivid and happy, although some of them were many years ago.

"We thought we would like for you to know that your interest in us and your efforts in our behalf is extending down into the years and out into the far west.

"We are unanimous in sending to you our greetings and best wishes for your health and happiness.

Sincerely yours,

Ada Kennedy, '09; Gertrude Aiken Howard, f. s.; Leila Whearty, '18; Dr. Helen B. Thompson, '03 and '07; Pauline Parkhurst, '15; Ruby Parkhurst Little; Mary E. L. Hall, '04; Louise M. Edgecomb; Vera Holloway Downing, '09; Amy Elder Bull, '08; Helen H. Bushey, '14; Margaret Cunningham Holloway, '07; Nell Hawkins Hull, f. s.; Florence Potter Watson, '23; Lottie Stephenson Ober, '12; Grace Hull Thompson, '09; Hope Palmer Baxter, '10; Nellie Baird Hubbard, '05; Grace Streeter Smith, '07; Ruth Rowland, '12; Cloina Bixler, '26; Lois Litchfield Stone, '20; Grace Maxey Fanning, f. s.; Margaret Bane, '23; Clara Evans, '22; Adda Middleton, '20; Ellen J. Hanson, '07."

Florence Sederlin, '29, is teaching home economics in the Wallace County Community high school, Sharon Springs.

LOOKING AROUND

KENNEY L. FORD

Five enjoyable K. S. A. C. alumni banquets were held during the state teachers' association meetings October 31 and November 1.

The Saline county organization of alumni and former students gave a banquet Thursday evening, October 31, at the First Presbyterian church in Salina, in honor of the visiting teachers. Charles W. Shaver, '15, was toastmaster for the after-dinner program, and several guests made impromptu talks.

R. E. Curtis, '16, county agent of Ottawa county, gave a vocal solo, accompanied on the piano by Mrs. Curtis. Following the program the president, M. J. Kennedy, f. s. '23 to '26, presided over a business meeting at which officials elected were: Dwight Hull, '17, president; Harold Bates, f. s. '09 and '10, vice-president; C. L. Coe, f. s. '23 and '24, secretary-treasurer; L. M. Srack, publicity director. Seventy-one places were laid for the banquet. Ralph Ricklefs, '26, was chairman in charge of this banquet.

Although only a few K. S. A. C. graduates were on hand at the Cottage tea room in Independence Thursday evening, October 31, for the alumni reunion, it was an interesting gathering. Talks were made by E. B. Wells, M. S. '22, of the college extension division, and John H. Parker, of the agronomy department. County agricultural agent A. W. Knott, was toastmaster.

Mr. Parker, who has been with the college for 12 years and formerly was with the United States department of agriculture, gave an interesting talk on the changes of the personnel at the college and improvements on the college campus, as well as many interesting items on college work. He stated that the enrolment of the college was increasing yearly and that this year the enrolment was 150 more than last year.

"With the increase in the number of junior colleges in Kansas, the work of the colleges in the future in Kansas will be in the junior and senior classes and graduate work, although there will still be freshman and sophomore classes," Mr. Parker said. "The junior colleges will take care of the first two years of college work to a large extent, leaving the faculty free for the last two years, graduate work, and specialized subjects.

"Southeast Kansas is the home of junior colleges. Six of the junior colleges are in southeast Kansas. Among them are Independence, Parsons, Coffeyville, Iola, and Fort Scott. The first junior college was started in 1910 and now there are 300 with an enrolment of nearly 30,000.

"The Kansas State Agricultural college is trying to establish better relations with and to get a fair share of the junior college graduates. Junior colleges are here to stay and they are doing a lot of good work."

Clarence Nevins, '07, and Elizabeth McCall, '18, managed one of the most successful Aggie alumni banquets ever held at Dodge City Thursday evening, October 31, in the Lora Locke hotel. Fifty-one people, including alumni, former students, and their wives or husbands, were present at the banquet. Dr. Howard T. Hill of the college was the speaker.

The Wichita meeting was held on the roof garden of the Broadview hotel Friday evening, November 1. Dr. Howard T. Hill, of the department of public speaking, Prof. M. A. Durland of the engineering division, Prof. Lucile Rust, department of education, and Kenney Ford, alumni secretary, were present. Officers elected for the Sedgwick county alumni association were: Herbert L. Hildwein, '14, president; Paul Skinner, '28, vice-president; K. O. Houser, '22, secretary-treasurer. There were about 100 present. R. N. St. John, '20, acted as chairman for this banquet.

The Topeka alumni banquet held Thursday evening, October 31, was attended by about 30 alumni and former students. J. S. McBride, '14, was in charge of the arrangements. Dean E. L. Holton and Dr. V. L. Strickland of the department of education, and E. H. Leiker of the college extension division, attended.

The meeting was held on the mezzanine floor of the Jayhawk hotel.

Harry L. Kent, '13, president, New Mexico College of Agriculture and Mechanic Arts, State College, N. M., last week visited K. S. A. C. and his son Harry, jr., who is a graduate student. He also attended the Iowa State-K-Aggie football game last Saturday.

For the want of a barn a cavalry R. O. T. C. unit was lost. For the want of adequate training many lives were lost. It is 11 years since the armistice was signed, and the United States seems to be going back to its pre-war basis if the following Associated Press dispatch from Washington is a true indication of the national defense situation:

"A serious shortage of cavalry reserve officers was noted in the annual report yesterday of H. B. Crosby, chief of cavalry to the secretary of war.

"The shortage was attributed to the lack of a cavalry reserve officers' training camp unit in the seventh corps area. Authorization for the establishment of such a unit at the Kansas State Agricultural college at Manhattan was withdrawn after the legislature failed to appropriate funds for construction of the necessary buildings. The seventh corps area includes Arkansas, Missouri, Nebraska, Iowa, Minnesota, and North and South Dakota."

With a "wee turn of the dial" Kansas radio fans may turn to the latest farm and home programs on the air. Station KSAC, broadcasting on a frequency of 580 kilocycles, has scheduled a fall and winter program of interest to every member of the family.

Music by the good American and foreign artists "takes the air" each morning at 8 o'clock. For 45 minutes this program carries into the homes of Kansas radio listeners the best in the world of music.

"Health for the Family," classes supervised by L. P. Washburn, department of physical education, give the latest in health exercises. The "ups-and-downs" of morning exercises are flashed to thousands in this morning health class.

Housewives turn their attention to the 10 o'clock program that gives instructions on planning the menu for the day, how to can the most delicious foods, recipes that tempt the appetite, and music and literature studies that interest the housewife.

Beginning at 12:30 o'clock in the afternoon the farm hour brings to Kansas farmers timely information on farming. Markets, weather reports, answering of questions that have been received, latest news from state and nation on farming—all are included on this period of broadcast.

For the boy and girl a half hour program is provided. This is the "Four-H club hour" broadcast each Monday, Tuesday, Thursday, and Friday afternoons from 4:30 to 5:00 o'clock. At this time thousands of club boys and girls receive the latest instructions from their state club leader. They learn of the activities of other clubs, and get instruction in music appreciation.

From 5 o'clock in the afternoon to 5:30 o'clock the period of broadcasting is devoted to a complete Kansas City and Chicago market report.

Football and basketball games will be broadcast, excepting on dates conflicting with the University of Iowa. For such dates K. S. A. C. will alternate evenings with Iowa.

G. E. Webster, radio engineer, K. S. A. C., is in charge of a Radio Fans' program radiocast each Saturday afternoon at 12:30 o'clock.

The 1929-30 radio catalogue giving daily programs from station KSAC may be obtained by addressing the station.

The Kansas City Alumni are planning a dinner for Wednesday, November 20, at 6:30 p. m., in the Ambassador hotel, 36th and Broadway.

Mrs. Ella Stinson-Wasson, '20, 1111 Grand avenue, Kansas City, Mo., vice-president of the Kansas City, K. S. A. C. Alumni association, urges all former students of K. S. A. C. who are visiting Kansas City during the American Royal to attend this dinner. Speakers from the college will be on the program.

RECENT HAPPENINGS ON THE HILL

Forty-one students became members of the Agricultural Economics club at its annual initiation smoker Tuesday, November 12.

D. J. Mase, coach of debate, attended the convention of Missouri and Kansas debate coaches held November 11 and 12 at the Kansas City Athletic club, Kansas City, Mo.

The second annual co-ed prom was held November 13 in recreation center and was sponsored by the Women's Athletic association. The committee in charge was Adelaide Scott, Norma Koons, Helen Laura Dodge, Charlotte Remick, and Helen Van Pelt.

Pi Epsilon Pi, K. S. A. C. men's pep organization, sponsored a varsity at the Wareham ballroom Saturday night, November 9. Receipts of the dance are to be used in preparing for an elaborate stunt staged between halves at the Nebraska game November 23.

"Odds and Ends of Europe" was the subject used by Dr. J. V. Cortelyou, head of the modern language department, last week in his talk before student assembly. He recounted the experiences of a European trip which he and his family took last summer.

Prof. J. W. Zahnley, of the agronomy department, took his crop judging class to Kansas City this week end to study in preparation for the American Royal Livestock show at Kansas City November 16 to 23. The group is working out for the crops judging team.

The present tendency toward extension of governmental functions was emphasized and discussed by Prof. I. V. Iles of the history and government department in a discussion of modern theories in government before the contemporary thought class Tuesday, November 5.

Miss Olive Gould, who for the last five years has been teaching in a girls' school in India, addressed the Cosmopolitan club, November 7, regarding the qualities necessary for work in a foreign country. Miss Gould also addressed the student forum Wednesday noon, November 6.

Dr. Margaret Justin, dean of the division of home economics, was in Chicago the first of this week attending the annual meeting of the land grant college association held there. On November 15, Doctor Justin is scheduled to address the Missouri State Home Economics' association at St. Louis.

Gladys Mortensen, sophomore in public school music, won the Atwater Kent state radio audition contest for women's voices, according to an announcement made last week. Miss Mortensen, as winner of the Kansas contest, will represent the state in a district contest to be held over WAAF, Dallas, Tex.

November meeting of the American Association of University Women will be held at the home of Mrs. E. L. Holton, November 14, at 7:30 o'clock. Mrs. J. V. Cortelyou will speak on her trip abroad last year. Readings will be presented by Mrs. Mary Myers Elliot of the public speaking department.

Representatives of the Big Six conference met here November 8 and 9 for their regular fall session and attended the Iowa State-K-Aggie football game. Dr. H. H. King, of the department of chemistry, is chairman of the group. Those who attended are Dr. W. G. Manley, secretary, of the University of Missouri; Dean S. W. Beyer, Iowa State; Prof. W. W. Davis, University of Kansas; Dean T. J. Thompson, University of Nebraska; and Dean S. W. Reaves, University of Oklahoma.

You may now have an electric clock that never needs winding, or adjusting, and never ticks. Simply plug in the lamp socket, and it will record exactly with the frequency of the electrical power system.

AGGIES DEFEAT AMES BY DROP-KICK, 3 TO 2

TACKWELL'S TOE SAVES RAINY
DAY BATTLE FOR WILDCATS

Victory Puts Team Second in Big Six
—Nebraska Game at Manhattan November 23 Probably Will Decide Championship

By H. W. DAVIS

The Kansas Aggies of 1929 stepped themselves up into second place in the Big Six conference race last Saturday by defeating the Ames Cyclones in a rain-drenched game at Memorial stadium. The score was 3 to 2, and it wasn't exactly baseball either. The defeat of Oklahoma by Kansas on the same soggy afternoon brings the titular contest of the 1929 Big Six season to Ahearn field on November 23, with Nebraska and the Aggies contending, and if you are not here to see it—but we'll bet you're here.

For the victory over Ames credit must be given to the educated toe of Oren Tackwell, Aggie left guard. With less than a minute to go in the second quarter he stationed himself on a slippery 24-yard line and drop-kicked a soggy, mud-smeared football nicely between the two uprights and just over the cross bar. The two counters which went to Ames came along in the middle of the fourth quarter. The Cyclones, releasing their first and only offensive of the afternoon, had driven the ball slightly over into Aggie territory. Wilcox, left half, dropped back and neatly kicked the ball out of bounds on the Aggie 2-yard line. "Bo" McMillin rushed Evans into the defense with orders to take no chances whatsoever. And none was taken. Evans carried the ball cautiously to the line of scrimmage two times. Then he just as cautiously allowed himself to be downed for a safety.

GAME WAS ALL WET

Outside of the plays mentioned immediately above, the other 59 minutes of the game were all wet—every one of them. It was typical Ames-Aggies football weather and the four thousand fans and the teams and the officials took their annual soaking in the accustomed carefree manner and made remarks about the lucky bozos who rated the effete press box.

The summary of the game gives a clear edge to the Aggies: eight first downs to one, 160 yards of scrimmage to 69, and 3 yards average gain per play to 2, the last comparison fitting in nicely with the score. The first half of the game belonged to the Aggies, the third quarter to the punters, and the fourth quarter to the belated Cyclone attack. Passing was impractical, end runs were impossible, and line smashes futile. There was nothing for the boys to use but their feet and their heads.

LINE WORKS WELL

Aggie fans were pleased with the work of the Aggie line. Captain Freeman and Tackwell were back in action and with Bauman and Towler played a sterling game. Auken, Weller, and Swartz were the leading ground gainers. Until the last half of the fourth session the Aggie defense was just about as impregnable as defenses ever get.

Interest now switches to the big game with Nebraska on November 23, for whoever wins it will finish the season at the top of the ladder in the Big Six. Aggie supporters are cheered by the fact that the Purple always plays its best game against Nebraska and that "Bo" McMillin's regular line-up, whatever it is, will be ready to start. Whatever happens, Manhattan is to have the honor of playing host at the titular contest of the 1929 race. If you have not already secured your tickets, you'd better.

Here are the statistics of the mud battle:

Aggies	Position	Iowa State
Wiggins.....	L.E.....	Johnston
Cronkite.....	L.T.....	Smith
Tackwell.....	L.G.....	Roe
Norton.....	R.G.....	Nagel
Bauman.....	R.T.....	Spear
Freeman.....	R.E.....	Burton
Towler.....	R.B.....	Hitch
Weller.....	Q.B.....	Bowes
Fiser.....	L.H.....	Bennett
Auken.....	R.H.....	Nelson
P. Swartz.....	F.B.....	Duesenberg

Officials: Referee—E. C. Quigley, St. Marys; umpire—Earl Johnson, Doane; headlinesman—F. E. Dennie, Brown; field judge, Reeves Peters, Illinois.

Score by periods:

Aggies.....	0	3	0	0-3
Iowa State.....	0	0	0	0-2

Substitutions: Kansas Aggies—McMillin for Weller, Melsinger for Fiser, Meyers for Norton, Weller for Auken, Tucker for Freeman, Yeager for Tucker, Norton for P. Swartz, Stephenson

for Tackwell, Hrabka for Norton, Evans for McMillin; Iowa State—Wilcox for Bennett, Kern for Roe, Wells for Bowes, Roe for Kern, Bennett for Nelson, Bowes for Wells, Schlenker for Burton, Nelson for Bennett.
Earned first downs—K. S. A. C. 8, Ames 1. First downs from penalty—K. S. A. C. 0, Ames 1. Yards gained from scrimmage—exclusive of forward pass—K. S. A. C. 160, Ames 69. Offensive plays, including forward passes—K. S. A. C. 62, Ames 42. Average gain per play, yards—K. S. A. C. 3, Ames 2. Forward passes—K. S. A. C. attempted 3 completing 0, no gain; Ames attempting 3 completing 1 for 4 yards. Fumbles—K. S. A. C. 4, Ames 6. Own fumbles recovered—K. S. A. C. 3, Ames 3. Punts—K. S. A. C. 10 for 362 yards, an average of 36 yards; Ames 11 for 423 yards, an average of 38.5 yards. Total runback of punts—K. S. A. C. 22 yards, Ames 31 yards. Total yardage gained from scrimmage and passes including runs after pass—K. S. A. C. 160, Ames 73. Kick-off—K. S. A. C. 4 for 198 yards, Ames 0 for 0 yards. Penalties—K. S. A. C. 5 for 30 yards, Ames 2 for 10 yards.
Time out—K. S. A. C. 3, Ames 3. Scoring—K. S. A. C., drop kick by Tackwell, 3 points; Ames, safety, 2 points.

'COSMO DITTIES' RECEIPTS TO GO TO NICKOLOFF FUND

Annual Entertainment in Auditorium
December 13

"Cosmo Ditties," annual presentation of the Cosmopolitan club, will be presented in the college auditorium on Friday night, December 13. The entire proceeds will go into the Pop Nickoloff benefit fund. Nickoloff, an Aggie graduate, is very ill in the state tuberculosis sanitarium at Norton. Funds are needed to support him there, to pay his insurance premiums, and to help support his wife and boy, who are in Bulgaria and in dire need.

On Lovers' Lane

Readers of THE INDUSTRIALIST will recall that in a recent issue two pictures of lover's lane were shown, one as the lane used to look when walking was in vogue and the other as it is today. The question was asked "How did lover's lane get its name?"

Many of the younger alumni since 1890 would like to know the facts about lover's lane, but an old timer writes in:

"I could tell you why lover's lane, but I dare not. I am the head of a respected family and she of another, and it was all absolutely proper anyway, so there."

It seems that the old timers have it on us. We may never find out the why of lover's lane.

'Young Woodley' Friday

"Young Woodley," second presentation of the Manhattan theater season, will be given in the college auditorium Friday and Saturday night, November 15 and 16.

PROGRESS OF KANSAS PRESS

F. E. C.

Things that make Frank Miller's St. Marys Star look good are nicely arranged ads, well-written headlines, and all of it printed on a good grade of paper.

The Overbrook Citizen claims to be published in the world's largest unincorporated city. Editor Berger classifies his paper as the one "that is taken or borrowed by everyone in this community."

Richardson and Champe, publishers of the Garnett Review, carry a business like line in their masthead. It reads "An Independent Newspaper, but Not Neutral," and judging by some of the editorial comment in his column, Editor Richardson practices what that line preaches.

Here's one to show the business man who insists on using dodgers and "store newspapers." Credit it to C. W. Grant, editor of the Modern Light, Columbus:

A few days ago a kid who was passing bills for one of the Columbus stores left 18 bills in this office. The merchant who was having the bills passed caught him poking a great armload out of sight in an alley. A good example of how money is wasted in this class of advertising. Aside from the fact that a large percentage of bills never reach the prospective customer, there are many persons who resent having their front porches and cars cluttered up with an assortment of dodgers. Of course, the windshield sticker is even worse. A well displayed, neatly printed advertisement in the home paper will always be the most effective means of advertising. Nothing there to offend anyone.

Manhattan's 1929 football party for Kansas editors is to be Saturday, November 23, and a note has gone to each newspaper of the state saying that M. F. (Mike) Ahearn has

COLLEGE AUDIENCE IS INCREASED BY RADIO

AN EFFECTIVE METHOD OF REACH-
ING PUBLIC

President Farrell Discusses Success of
Station KSAC—Thinks Land Grant
Stations Should Have Privileged
Legal Status

Radio provides for land-grant institutions one of the most far reaching, most prompt, and least expensive methods of increasing the number of contacts with the college constituency, according to F. D. Farrell, president of the college, who discussed the use of radio by land-grant colleges and universities at the forty-third annual convention of the Association of Land Grant colleges and universities in Chicago today.

Radio provides an astonishingly effective method of disseminating interest, the president declared. Its proper use enlarges the college audience sometimes many fold and brings under college influence large numbers of people not otherwise reached. To say that the use of radio is not or cannot be valuable to a land-grant institution probably would be no less absurd than to say such an institution should not make use of printing or of lecturing in the ordinary way before audiences.

President Farrell explained that he is a convert to the practicability of the use of radio by land-grant institutions and his ideas are based largely upon the success of station KSAC.

A PROGRESSIVE AUDIENCE

"There probably are more than 1,500,000 American farms equipped with radio receiving sets," he explained further. "In Kansas the number is more than 77,000 or about 47 per cent of the total number of farms. There is reason to believe that the owners of these radio-equipped farms are comparatively progressive and therefore specially worth reaching with college information. The number of radio-equipped farms throughout the country doubtless will increase unless the broadcast programs are allowed to deteriorate, as seems unlikely.

"It has been ascertained that a substantial majority of farmers having receiving sets are definitely interested in agricultural talks and other program material commonly supplied by land-grant colleges. The eagerness with which the owners and operators of leading commercial broadcasting agencies seek land-grant college talent is only a part of the evidence supporting this statement. I think there can be no doubt that wise use of radio greatly en-

larges the college's audience and thus enables the college to serve more people than it otherwise would."

Lessons learned from operation of station KSAC, a pioneer in land-grant college broadcasting, were pointed to by the college head.

DON'T EXPECT ENTERTAINMENT

"Through the operation of a radio station during the past five or six years we have learned something about the kind of radio program the public expects from a land-grant college," he continued. "It pretty definitely does not expect much in the way of entertainment. It looks to commercially sponsored radio programs for vaudeville, low comedy and jazz, as well as for most other forms of entertainment. It looks to a land-grant college chiefly for information, for educational material. Good music, interspersed with subject matter, is highly appreciated, particularly if it is presented from the standpoint of music appreciation and accompanied by the informational material that instruction in music appreciation requires. Reports and descriptions of intercollegiate contests—athletic, musical, forensic—also are greatly appreciated, especially by alumni and by the parents and friends of students.

"People who tune in on a land-grant college radio station like to hear talks about price trends, market conditions, control of diseases and pests, breeding of plants and animals, feeding and management of livestock, soil conservation, road construction and maintenance, weed eradication, preparation of meals, home beautification, preservation of foods, health conservation, farm machinery and scores of other subjects on which the land-grant colleges are peculiarly fitted to supply reliable information. They also appreciate lectures on advertising and selling, business correspondence, business law, rural school management and other similar subjects on which most land-grant colleges are well qualified to speak."

Relations of land-grant institutions and the press and radio were touched by President Farrell. Because the public press and the commercial radio stations are, and must be, operated for profit they cannot be adequate to the publicity needs of the land-grant colleges, he said. If they were, the colleges would have less need to print and distribute millions of copies of bulletins, circulars and circular letters every year. The fact that the press is of incalculable value to the colleges and that some of the commercial broadcasting agencies are supplying exceedingly valuable service to these institutions does not prove that they are adequate.

COLLEGE MUST BE FREE

"In no sense is there objection to the use of commercial radio stations when it is feasible to use them," the K. S. A. C. president believes. "Rather the objection is to a policy requiring complete dependence upon them. In my judgment, what the land-grant colleges should have is, first, a privileged legal status in radio broadcasting and, second, a chain or chains of college-owned radio stations with which full use could be made of the privileged status in serving the public interest. We cannot too strongly emphasize the importance of safeguarding the freedom of these institutions. They must be free if they are to give to the public the fullest and finest service possible."

It Takes Good Seed

Good seed of an adapted variety is essential to successful production of wheat, according to A. L. Clapp, extension crop specialist of the college. A good hard red winter wheat that will mature as early as possible is wanted, a variety such as Turkey, Kanred, and Blackhull. Wheat growers who follow recommendations of the college's five year wheat improvement program will not go far wrong.

Big Six Scores

Kansas Aggies 3, Iowa State 2.
Kansas U. 7, Oklahoma 0.
Missouri 6, Washington 0.
Nebraska did not play.

GAMES THIS WEEK

Nebraska vs. Oklahoma at Lincoln.
Kansas U. vs. Washington at Lawrence.

Missouri vs. New York U. at New York.

Kansas Aggies do not play.

ALUMNI LOAN FUND HAS RAPID GROWTH

JUMPS \$3,000 DURING PAST SEVEN
MONTHS' PERIOD

Reduction of Life Membership Fee to
\$50 Shows Value by Increased
Response From Grads and
Former Students

The alumni loan fund has been most loyally supported by alumni through life memberships in the alumni association.

The growth of the loan fund since the life membership fee was placed at \$50 and the plan adopted whereby the fee might be paid in instalments is seen in the following figures:

May 20, 1924.....	\$ 2,650
May 25, 1925.....	3,125
May 27, 1926.....	5,837
May 26, 1927.....	10,942
May 1, 1928.....	13,434
April 30, 1929.....	19,400
November 11, 1929.....	22,491

The following 19 alumni have become paid-up life members in the association since September 20, 1929:

Fred D. Allison, '25, Abilene; Margaret Burtis, '28, New York City; Joseph Church, '28, Washington, D. C.; Helen Cortelyou, '29, Syracuse, N. Y.; Theodore Guthrie, Jr., '29, Saffordville; Sherman Hoar, '28, St. Francis; R. N. Lindburg, '28, El Dorado; Claire E. Cox, '28, Nickerson; Thomas McCarty, '28, Wichita; Roy McConnell, '28, Coffeyville; Harold Myers, '28, K. S. A. C.; Jennie Nettrouer, '28, Welfare Island, N. Y.; Floyd B. Nichols, '12, and Edith (Beaubien) Nichols, '16, Topeka; Opal Osborne, '28, Partridge; Mabel Paulson, '29, Coyville; Lester B. Pollom, '13, Topeka; L. E. Rosset, '22, St. Louis, Mo.; Byron Short, '25, Bartlesville, Okla.; Robert Tulloss, '28, Ottawa.

PARENTS' DAY

Kansas Aggie students invite their fathers, mothers, and friends to visit them on their annual Parents' day, November 23, 1929. They have arranged the following program in addition to the usual privilege of visiting all classes and laboratories:

8 to 9 a. m.—Girls' class in Swedish gymnastics.

9 to 10 a. m.—Girls' classes in swimming and dancing.

10 to 11 a. m.—Girls' hockey game.

11 to 12 a. m.—Girls' tennis games.

10 to 11 a. m.—Livestock display in stock pavilion. Engineering laboratories open for inspection.

11:15 to 12 a. m.—Military parade.

2 p. m.—Nebraska vs. Kansas Aggies, Memorial stadium.

6 p. m.—Aggie parents' banquet, Thompson hall.

Reduced railroad rates of one fare for the round trip to the Big Six classic are announced.

The closing feature of the Parents' day activities will be the annual banquet. President F. D. Farrell will speak. Prizes are to be awarded to student organizations having the highest percentage of parents present and to parents and grandparents coming the greatest distance or having the greatest number of sons or daughters or grandsons or granddaughters attending K. S. A. C. Temporary officers will also be elected to work out plans for a proposed K. S. A. C. Parents' association.

C. A. White, special in agriculture, is student chairman in charge of arrangements for Parents' day.

Big Six Standings

	W.	L.	T.	Pct.
Nebraska.....	1	0	1	1.000
K-Aggies.....	3	1	0	.750
Oklahoma.....	2	1	0	.666
Kansas U.....	2	2	0	.500
Missouri.....	1	1	1	.500
Iowa State.....	0	5	0	.000

Great men never abuse a power.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. 0, Aggies 6.
Oct. 26—Oklahoma U. 14, Aggies 13.
Nov. 2—Missouri U. 6, Aggies 7.
Nov. 9—Iowa State U. 2, Aggies 3.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. 39, Aggies 7.
Nov. 16—Creighton U. at Manhattan.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, November 20, 1929

Number 10

NEBRASKA ONLY BAR TO K-AGGIE TITLE

VICTORY WOULD ASSURE BIG SIX LEADERSHIP

Negro, Cronkite, and Fiser on Tentative Casualty List as Wildcats Start Final Week of Preparation For Big Game

Refreshed by a week of strenuous ease, the Kansas Aggie football team Monday started to put the finishing touches on its preparations for the all important Nebraska game Saturday. Coach A. N. (Bo) McMillin, returning from the Nebraska-Oklahoma 13 to 13 tie at Lincoln last Saturday, reported a good Husker eleven but one that is not "too good."

Alex Negro, Aggie halfback who was kept out of the Missouri game by a leg infection, is a dubious prospect for Saturday, as the infection broke out again during practice last week. He spent the week end in the hospital, but was released Monday, and may be in shape to play. A shoulder injury suffered by Henry Cronkite of Belle Plaine, sophomore tackle and the team's punter, also is causing some concern. Lud Fiser of Mahaska, halfback, is the only other member of the squad on the casualty list, and he may be able to play.

SUBS MAY START

From the looks of practice last week, some of the men who have been on the bench much of this season may start the Parents' day encounter. Irked by their lack of competition, they have been making life no rosy pathway for the supposed regulars.

Oklahoma's tie with Nebraska was almost as disastrous to Sooner hopes as a defeat would have been, since it gave the Aggies a clear road to the title if they can trim the Huskers.

DEFEAT MEANS THIRD

If the Aggies trim Nebraska, they will have won four games and lost one, giving them a percentage rating of .800. The best either Oklahoma or Missouri can do by winning their remaining games is a .750 percentage (three victories and one defeat) because the Sooners and Tigers each have tie games against them. Nebraska, defeated by the Aggies, could finish no higher than .666 (two victories and one defeat) by trimming Iowa State, because of the two ties on the northerner's record.

It will be seen from the above that it behooves the Aggies to trim the Huskers. Defeat would mean a final standing of .600, and a probable third place. Nebraska, by winning, would have only Ames barring the way to an undefeated conference season.

Nebraska probably will have its full strength in the game, with Sloan and Rowley, backs who have been out a great deal of the season, ready to go.

TRAINING OF WOMEN SUITED TO CONDITIONS

Changing Methods of Production Cause New Emphasis in Home Economics Work, Says Dean Justin

"To provide for economic independence and develop an individual independence which may conserve interest in family life has become a problem in women's education," said Dean Margaret Justin in a recent speech before the women's clubs of the fifth district.

"Since 1873, when President J. A. Anderson of the Kansas State Agricultural college presented plans for an education 'precisely fitted to women's needs' in the first college curriculum in home economics, then called 'domestic economy,' many changes have been made in the curriculum of home economics courses as a matter of adjustment to changing conditions in the world of women," Dean Justin said. "The economic world has been affected to a marked degree by this change in the past decade. The words 'efficiency,' 'quantity production,' and 'machine made' have become commonplace

that cover the assumption by the factory of former household skills. Bread making, weaving, dairying, all have been largely taken from the home. Instead of home production controlled by family wishes, women now face the task of making wise choice in many lines of commercial goods with its implied requirement of wide knowledge.

"The time once spent in courses furnishing skill and technique must be replaced by courses which supply broader knowledge; courses which afford an understanding of the economics of consumption and the responsibilities of the ultimate consumer. It has become most necessary that women have information concerning the efficiency, economy, and maintenance of mechanical household equipment."

Doctor Justin also said, "Among the other factors shaping home economics, one of greatest importance is the change of status of woman since home economics began. Within a quarter of a century, barriers, barricades, and pedestals alike have been washed out by the high tide of modern times. Today she may stand not militant, nor subservient, but adequately independent, vested in citizenship and social responsibility."

AGGIE FRESHMEN WIN OVER CREIGHTON, 12-0

Wildkittens Make Two Touchdowns in Last Quarter Rally

The Wildkittens, Coach Ward Haylett's freshman eleven, muddled out a 12 to 0 victory over the Creighton university freshmen on Stadium field here last Saturday.

Held even in the first quarter, the frosh eleven early began to show its superiority in the second half. Once the ball was advanced to the Creighton one-yard line, only to be lost on downs, and a fumble again saved Creighton on the one-yard line as the third quarter ended.

Starting from the Creighton 30-yard line, the frosh made a fourth quarter touchdown in four plays. K. Walker passed to J. Woodyard for 10 yards, then himself ran first five and then 11 yards. Zeckser then smashed through for the touchdown. The last Aggie touchdown came soon after when Zeckser intercepted a Creighton pass and ran to the one-yard line, J. Woodyard making the remaining distance. As the game ended the ball was less than a yard from the Creighton goal.

Morgan and Beach on ends, Satunas, Captain Smelser, and C. L. Woodyard in the center of the line, and several Aggie backs starred.

The 23 to 0 victory of Kansas university freshmen over Missouri freshmen on the same day was somewhat of a salve to the feelings of the Aggie yearlings, who went down before the Jayhawklets 39 to 7 a week ago.

The starting lineup:

Aggies	Creighton
Beach.....L.E.	Smith
Satunas.....L.T.	Hartman
Schulze.....L.G.	Weiner
C. L. Woodyard.....C.	Lynch
Smelser (C).....R.G.	Miller
Dalton.....R.T.	Skelnar
Morgan.....R.E.	Kehonie
Cain.....L.H.	Kane
Zeckser.....R.H.	Hickey
J. Woodyard.....Q.B.	Jellen
Walker.....F.B.	Cashman

Officials: Cochrane, Ottawa, referee; Myers, K. S. A. C., umpire; Price, K. S. A. C., headlinesman.

Summary: First downs earned, Aggies 13, Creighton 2; passes attempted, Aggies 17, completed 10 for 72 yards; Creighton attempted 5, completed 4 for 10 yards; penalties, Aggies 50 yards, Creighton 85 yards; yards gained from scrimmage, Aggies 136, Creighton 34; total yards gained, Aggies 208, Creighton 44; average yardage of punts, Aggies 34, Creighton 30 1-2.

Big Six Scores

Nebraska 13, Oklahoma 13.
Missouri 0, New York U. 14.
Kansas U. 13, Washington U. 0.

GAMES THIS WEEK

K-Aggies vs. Nebraska at Manhattan.

Kansas U. vs. Missouri at Lawrence.

Oklahoma does not play.

No one ever did good work for an indifferent boss.

FARRELL GIVES IDEAS ON TEACHING METHODS

DISCUSSES PROBLEMS OF FARMER EDUCATION

Aims of Collegiate Curricula Should Be to Make a Straight Thinker, Good Citizen, and Happy Human Being

Though recognizing that scientific specialists in agriculture are imperative and that farmers themselves must specialize to a considerable extent, President F. D. Farrell named three other more important points in the education of farmers in his address before the Association of Land Grant colleges and universities in Chicago last Thursday.

The chief education of the farmer should seek primarily to help him become a straight thinker, a good citizen, and a happy human being, the president explained, and this objective can be attained best without endless multiplicity of subject or very marked specialization. Within wide limits its attainment depends less upon subject matter than upon the manner and spirit in which subject matter is presented.

The K. S. A. C. president made it clearly understood that he did not advocate any important reduction in technical training for agricultural pursuits nor a substitution of classical training for technical training. On the other hand, educators may be requiring agricultural students to study too many specialized subjects.

MIGHT COMBINE COURSES

"I feel that in many instances we might improve the educational effect of our college teaching if we would combine some closely related courses and if we would require the students to do fewer things and to do them more thoroughly," Doctor Farrell said. "The more we recognize the importance of the enduring results of effective education like the three discussed above the less we shall require of a student in the way of multiplicity of subjects."

The enduring results referred to by the president are developments of a sound point of view, the acquiring of useful intellectual tools, and the formation of good mental habits.

"The type of education necessary to develop a sound point of view appears to have been recognized by Senator Morrill," Doctor Farrell said. "It should be the reverse of narrow. It should include some training in the classics and the so-called humanities. It should help the farmer to acquire a 'well stored mind.' In my opinion it should include training for the intelligent use of leisure; training to develop appreciation of the fine arts—music, for example. A friend of mine, a respected and successful farmer, gets his chief recreation by playing a banjo.

DEPENDS ON TEACHER

"It is important to recognize that the point of view developed by a student depends largely upon the attitude of his teachers, in both technical and non-technical subjects. A competent teacher of animal husbandry, chemistry or horticulture may do as much as a teacher of archeology, English or history to develop in the student a sane, broad point of view. In a recent investigation of character-development activities in a group of representative American colleges it was found that the most effective teacher from the standpoint of character development was not a professor of ethics or of sociology or of religion but a professor of forestry.

"In addition to a sound point of view the farmer needs to have some intellectual tools which he can use in applying his point of view in his work and in his life. These tools are like the alphabet and the multiplication tables in that they are virtually indispensable to real success. Some of them are for use in thinking of biological problems, others are valuable in dealing with physical phenomena, still others in coping with economic and social problems. Knowledge of bacteriology, for example, helps a farmer to 'think straight'

about disease control, the preservation of foods and certain important symbiotic relations of plants. Comparable values attach to knowledge of such subjects as physics, chemistry, botany, and economics, and to applied subjects derived from them, such as genetics, horticulture, agronomy, and animal husbandry. The farmer need not, and usually cannot, be a specialist in any of these. But he needs to know enough of such subjects to enable him to think clearly about problems with which they are involved.

MENTAL HABITS PERSIST

"As the agricultural importance of human muscle diminishes and that of mind increases, good mental habits increase in value and significance. Most of the objective 'facts' that we teach are soon forgotten, even by the better students. This is fortunate because what is a fact today may be obsolete tomorrow or next year. But any good mental habits that a student forms in mastering facts persist long after the facts are forgotten or outmoded. And so in our efforts to help the farmer to acquire education it is most important that we encourage in every way we can the formation of habits of thinking that will help him to find correct solutions of his problems. Power of mental concentration, ability to think impersonally, fearlessly, logically, and honestly and to see all sides of a question are things that should underlie the mental habits of all of us, whether we are farmers or something else. One's mental habits, of course, are affected by one's point of view and by one's intellectual tools."

PROF. G. A. DEAN AIDS IN PLANS FOR CHICAGO WORLD'S FAIR

Will Help in Work on Entomological Research Exhibit

Prof. George A. Dean, head of the department of entomology and entomologist of the experiment station, is a member of a committee appointed by the National Research council to make a study of the best methods by which the progress made in entomological research in the past one hundred years can be demonstrated at the Chicago World's Fair centennial in 1933. Prof. W. P. Flint, economic entomologist in the state natural history division of the University of Illinois, is chairman of the committee.

COLLEGIAN HOLDS CONTEST TO OBTAIN NAME FOR CAMPUS

Cash Prize of \$25 Offered for Best Title For College 'Hill'

A cash prize of \$25 is being offered by the Kansas State Collegian, student newspaper, for the best name submitted for the college campus. Any student at the college or subscriber to the Collegian may enter the contest.

Not more than three words may be used for the title. As examples of desirable titles, the Collegian gives "Bluemont" and "Mount Prospect" both of which titles might be acceptable but are already applied to other points of interest near Manhattan.

Judges of the contest will be President F. D. Farrell, Prof. H. W. Davis, head of the English department; Prof. F. E. Charles, of the journalism department; Miss Grace Derby, assistant librarian, and John Watson, editor of the Collegian.

Most mothers of six children would have nerves and other fashionable ills if they had time.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U. 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. 0, Aggies 6.
Oct. 26—Oklahoma U. 14, Aggies 13.
Nov. 2—Missouri U. 6, Aggies 7.
Nov. 9—Iowa State 2, Aggies 3.
Nov. 23—Nebraska U. at Manhattan.
Nov. 28—Marquette U. at Milwaukee.

FRESHMEN

Nov. 9—Kansas U. 39, Aggies 7.
Nov. 16—Creighton U. 0, Aggies 12.

WOMEN'S MEATS TEAM FIRST, MEN'S SECOND

AGGIE JUDGERS PLACE HIGH AT AMERICAN ROYAL SHOW

Vivian Abell of Riley, Senior in Home Economics, is First in Entire Contest and First in Identification

First place in meats judging at the American Royal Livestock show in Kansas City was won Monday by the Kansas Aggie women's team. On Tuesday the Aggie men's team took second.

The women's team was 150 points ahead of its nearest competitor. Vivian Abell of Riley took first in identification and first in the entire contest. Orpha Brown, Edmond, was second in identification and fourth in the entire contest. Other members of the team were Frances Wentz, Ames, and Mary Wilson, Council Grove.

Lester Cox of Goodrich was second high man in the men's contest. Other members of the team were Henry Gile, Scandia; Harold Ellis, Coldwater; and Walter Powers, Netawaka.

Prof. D. L. Mackintosh is coach of both the men's and women's teams.

DOCTOR GAINNEY SHARES IN RESEARCH AWARD

His Work on Azotobacter Brings Prize Offered by Chilean Nitrate Educational Bureau

Dr. P. L. Gainey of the department of bacteriology was one of three to share in the \$5,000 nitrogen research award of the Chilean Nitrate of Soda Educational bureau, it was announced at the experiment station luncheon Saturday.

This award was made at the annual meeting of the American Society of Agronomy at Chicago, November 14. The award of \$5,000 is made by the Chilean Nitrate of Soda Educational bureau for the purpose of stimulating nitrogen research in relation to economic crop production. The award is made annually and this year was shared equally by Doctor Gainey, Dr. S. A. Waksman of the New Jersey agricultural experiment station, and Director C. A. Mooers of the Tennessee agricultural experiment station.

The award is made to individuals for outstanding nitrogen research in relation to economic crop production and is open to any research worker in the United States or Canada. The award goes to the individual and may be used for professional advancement or in furthering nitrogen investigational work. The award came to Doctor Gainey as a result of his outstanding work upon azotobacter.

KANSAS AGGIE BAND PLAYS FOR AMERICAN ROYAL CROWD

College Musicians Also Entertain at Alumni Banquet

Seventy-six members of the Kansas State Agricultural college band are in Kansas City today helping entertain the Kansas day visitors to the American Royal Livestock show, and will play at the banquet of the Greater Kansas City K. S. A. C. alumni association at the Ambassador hotel tonight. The banquet will start at 6:30 o'clock.

C. W. Corsaut, head coach of basketball and baseball at the college, and Dr. C. W. McCampbell, head of the department of animal husbandry, will speak at the banquet. Corsaut was head coach at Wyandotte high school in Kansas City, Kan., before coming to K. S. A. C. in the fall of 1923.

This morning the college band was to take part in a parade up Minnesota avenue in Kansas City, Kan., give a special concert in the Wyandotte high school auditorium, and then proceed to the American Royal.

Mrs. Ella Stinson-Wasson, '20, 1111 Grand avenue, Kansas City, Mo., is in charge of the banquet.

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F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, NOVEMBER 20, 1929

COLORING CHRISTMAS SPIRIT

If it is the merchants and manufacturers who have fanned so vigorously the Christmas spirit that the Yule season is now frankly called the "gift season," at least we can thank this coldly calculating commercialism for the beauty with which it has glorified the commonest of household articles.

How we would have been laughed at a decade or so ago for making a gift out of a coffee pot, a tea kettle, a bathroom mat, a kitchen table! Now that color and artistic decoration have wrought such magic in these prosaic, humdrum things, they have become truly gift-worthy and the recipient taking them from their wrappings Christmas morning, is as thrilled to receive them as if they were the conventional handkerchief case or handworked doily. Indeed—far more so for they are useful.

Now a manufacturer has come forward with a kitchen stove designed with a real artist's collaboration—as ornamental as a piece of fine cabinet furniture with its Italian grand antique marble finished panels, its onyx green handles mounted on solid brass, its Chippendale legs—costing only \$195—west of the Rockies, \$210. With such a stove, the housewife finds drab kitchen duties becoming a zestful adventure.

The old joke about presenting mother with a wringer or wash boiler loses its punch entirely, when we consider the wealth of articles associated with blue Monday washings and tiresome Tuesday ironings that a new beauty has lifted right into luxury class—the "gift" class.

So if business and commercial interests will make us think that Christmas is the greatest opportunity of the year for giving—we can retaliate by presenting gifts like these.

WOMEN UNDERSTAND THESE THINGS

Women are getting into the furniture business, furniture stores are putting women on their staffs as saleswomen, buyers, advertisers, stylists, and decorators, and are seeing business go forward. The stores that still use the old man-made ballyhoo and the high pressure tactics are seeing business drop at an alarming rate.

This does not mean that women are trying to oust men bodily from the retail furniture field. It does mean, however, that women are having something to say about what their customer sisters shall have, and greater sales and greater satisfaction among the customers is the result. Women are proving their worth as co-workers with men, doing many things that a man, both by temperament and by training, is poorly fitted to do.

There are several reasons for this. The first and most obvious, of course, is the fact that a woman understands the needs of her own sex much better than does a man. If a boy had been around his mother's kitchen from his earliest years; had wiped dishes for her and set the table, run errands, dusted the furniture, run the vacuum cleaner, tended the baby, made the beds and helped with the thousand and one tasks of home making, he would understand as well as his sister what a woman needs about the house. But very few boys

have had this background of experience, whereas practically all girls have; they can hardly escape it.

So when it comes to choosing and selling home furnishings, a woman naturally knows better than a man what will appeal to other women, and what they should buy for their homes. Practically every normal woman has an innate, an instinctive sympathy with the needs of the home that causes her to think more deeply on this subject than do most men. —Alice Paddleford in the Furniture Record.

RADIO'S GREATER VOICES

Our infatuation with our new found enrichments gives rise to some possibility of delusion. For example, a voice coming a thousand miles over the radio is the same voice still. Magnifying the distance does not magnify the value of the message. Distance lends an enchantment to the voice, which tends to delude us about its value. No mechanical means has yet been found to increase the quality of individual cerebration. It is the quality of the speaker that is important; the mechanism for transmission is negligible. If the voice is great, it will find its own means of broadcasting itself. It still remains as true as it was when Carlyle said it: "Produce great men; the rest follows." Indeed, I sometimes suspect that our modern emphasis on speed of transmission and the quantity of the voices that hurry about the world is a negation of the atmosphere in which great men can be produced. It is so inconsistent with the ripening quality of reflection. I find it difficult to imagine Emerson talking over a radio or Thoreau listening to one. —Mark Sullivan in World's Work.

IN THE CITY

In the city young people come and give the urban population a progressive tone and speed. Home ties are fewer, the people are more shifting. In the city nature and the out-of-doors give place to artifice; there is intense stimulation and the never ceasing interest of fellow man's activities always find an object. Extremes are there of wealth and poverty, of brains and ignorance, of art and ugliness, and from overstimulation men come to live on mental surfaces without deep meditation; mob style is easy; fads and fashions flourish. In the city "quarters" form. Chinatown or Ghetto, financial district or red light; men live in deep anonymity; they take their niche; few know them personally. In the city, lastly, the individual is more dependent on communal life and action than when on the farm, for the urban regions must be greatly organized to survive. Man's life there is special; he depends for much on others. And so it goes: the city is a pressure and distorting influence on human life, a thrust and strain like the powers that compress rocks and turn limestone into marble and granite into gneiss. —"The New Universe" by Baker Brownell.

FORUM OF THE CONTRARY MIND

And if the senate did not talk, who would? If this incessant voice were still, where now would public issues be debated? Where especially would the contrary mind in government be expressed in this country? There is little enough interest in politics in the United States, and if the senate did not force the public business into the headlines by investigations, oppositions, gallery playing, no one would. In justice to the senate it must be said that it is the only parliament we have left, the one assembly that functions as a deliberative body. It is small enough to move without moving en masse. It resists the logical development of the modern legislature, which must work like a machine if it is to work at all in a machine system, by an over emphasis on the individual. It makes a virtue of negation and delay. Only in the senate can the noes ever have it, or the independent stand alone, or the minority maneuver itself into a majority. —Anne O'Hare McCormick in the New York Times Magazine.

'NEWER THAN KANSAS'

I have recently been in Czechoslovakia. As a political nation she is only 10 years old. As I passed through her villages on the way from Dresden, they looked newer than Kansas, the whole countryside

having been rebuilt while the peasants were afraid to put their money into anything but building on account of the steady fall in the currency. In Prague I was told that the nation was new, that the task of building it would absorb all the energies of its people, that the work of developing its resources was overwhelming, that for the present it "did not want learned men, artists or writers, but business men, engineers, practical men. Later," my informant continued, "the rest may

tend the annual meeting of the American Society of Animal Nutrition.

The following attended the state Y. W. C. A. convention at Winfield: Miss Hull, Jennie Williams, Hope Palmer, Josephine Robinson, Stella Souperne, Emma Lee, Mabel Davison, Rena Faubion, Lillian Lowrance, Grace Tucker, and Edna Willis.

THIRTY YEARS AGO

C. P. Hartley, '92, was to assume duties in the division of vegetable

A Sound Point of View for the Farmer

Francis David Farrell

It is as easy as it is bromidic to say that the farmer should have a sound point of view. It is the reverse of easy to say precisely what that point of view is. But one may suggest some of its features.

First of all, the farmer needs to be proud of his profession. He needs to appreciate its fundamental importance to humanity and its inherent dignity. Intelligent professional pride fosters self-respect and self-reliance, both of which are exceedingly important.

Secondly, the farmer needs to know enough of world affairs and of human nature, as most good farmers do, to know that people engaged in other occupations have troubles of their own and that very few of them are likely to drop their own affairs to solve the farmer's problems. He should know enough about the processes of evolution to appreciate the relation between survival and fitness to survive. It is important also for him to know that group fitness based on individual fitness is becoming more important every year and that it demands ever widening cooperation.

A third important feature of a sound point of view was mentioned recently in a letter written to me by Dan Casement, a successful and thoughtful Kansas farmer. After emphasizing the importance to the farmer of at least rudimentary training in the physical, biological, and mechanical sciences, Mr. Casement said:

"But in my judgment no farmer can get the most out of his vocation by devoting himself wholly to its technical requirements. His dependence on nature demands a sound philosophy and deep understanding. His nearness to nature and the very nature of his daily tasks invite contemplation which can be profitably and enjoyably indulged only by a well stored mind. His calling has much of the quality of a real art, which only a cultured mind can properly comprehend and appreciate. Straight thinking, good reading and clear expression, concurrent with his physical and technical tasks, will promote the real success of his business and the deep satisfaction of his soul more than any other accomplishments."

To meet this non-technical need, Mr. Casement recommends what are commonly called liberal subjects. His recommendation calls to mind those oft-quoted phrases of the Morrill Act of 1862: "Without excluding other scientific and classical studies" and "to promote the liberal and practical education of the industrial classes."

come, but not now." Yet here and there one saw on hill-tops castles 10 centuries old. In the fields one saw men in the furrows following yoked white oxen as in the days of Virgil. Is Czechoslovakia young or, from the standpoint of America, very, very old? —James Truslow Adams in Harpers.

LAND GRANT COLLEGE FUNCTIONS

Why is an agricultural college? An experiment station? An extension service? You need not bother to look in the back of the book. The answers are right here: The purpose of the college is to give resident instruction in the principles and practices of scientific farming and animal husbandry. Of the experiment station to carry on regional research and publish results for public benefit. Of the extension service to teach basic principles and give local demonstrations to farmers and homemakers. —Alta Booth Dunn in the New Breeders Gazette.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

I. W. Howenstine, '13, was employed at Muscatine, Iowa.

E. J. Price, '19, was associated with his father in the operation of Snowdown Stock farm, near Baileyville.

TWENTY YEARS AGO

The Kansas Aggies defeated Fairmount college in football by a score of 71-0.

President H. J. Waters and Dean J. T. Willard went to Chicago to at-

physiology and pathology, United States department of agriculture.

Isaac Jones, '94, expected to go to Sitka, Alaska, the following summer to assist Professor Georgeson in his experiment station work.

Lora Waters, '88, and George W. Beeler, f. s. in 1883, were married in Chicago. Mr. Beeler was head bookkeeper for the Chicago branch of Appleton and company.

FORTY YEARS AGO

A. D. Cozard, f. s. in '88 was an employee of the Scotford Rubber Stamp works of Kansas City.

J. S. Hazen, '89, was living at Hatteras, N. C., where he continued his duties as observer in the signal service.

D. G. Fairchild, '88, was employed in the botanical section of the United States department of agriculture upon special diseases of plants.

B. M. Bovard, f. s. in 1886, was elected surveyor of Lane county by a larger majority than any other candidate on the ticket received.

FIFTY YEARS AGO

Chancellor Marvin of Kansas university addressed the students in chapel.

Prof. B. F. Mudge, professor of geology at the college for many years, died suddenly of apoplexy.

The National Agricultural society, which had its office in New York City, elected Professor Shelton a member of its committee of organization.

Trust that man in nothing who has not a conscience in everything. —Laurence Sterne.

FACT

Margaret Fishback in the New Yorker

If I promise to sew on your buttons And tenderly care for your socks, And dust the piano each morning, And water the pansies and phlox,

If I promise to love you forever, Till they tuck me away in a vault, Will you promise to take all I promise With a grain of reliable salt?

SUNFLOWERS

H. W. D.

HOT AIR

If education could be dragged into the laboratory and analyzed qualitatively and quantitatively, the task of being an educator might be more delightful and the career more satisfactory.

But education is elusive. Its ends and aims are wobbly and unsure. It is so comprehensive and so indeterminate that nobody knows quite what it is. Perhaps the exactest definition that can be offered is that education is a hopeful, desultory attempt at adjustment to a supposedly given environment, the which may prove as fickle as a Hollywood wife.

During the past several years I have earnestly studied the art of stoking a hot-air furnace. Occasionally I was told it was a science, rather than an art; but I stubbornly insist it was, and is, an art. But that is neither there nor here, nor then nor now. The point is I was learning—being educated.

Even if my memory were perfect, I should not expect it to recall one-half the methods and devices I was persuaded to use. Dame Experience had me in hand most of the time, of course; but I was also taught by expert firemen, neighbors who assured me they were far better than experts, women who confessed they didn't know a thing about furnaces but certainly could tell when a house was hot enough, dealers in soft coal, dealers in hard coal, professors of steam and gas, deans of engineering, freeverse poets, and doctors of divinity. Indeed, I cannot recall a single human creature who did not at some time or other tell me much about making and maintaining a furnace fire.

I tried all the various hardinesses of coal, wet coal and dry coal, lump coal and nut coal and slack coal. I started fires with paper, corn cobs, pine shavings—everything from kerosene to caution. I sometimes called struggling, tiny flames sugarish names. That failing, I rudely consigned them to unspeakable perditions. I have even kicked a cat clean to the other side of the basement in the hope that a smoldering mass might flare up and burn in sympathy with my soul.

And not all my education was helter skelter. There were months, years maybe, during which I proceeded methodically, read bulletins from engineering colleges, and applied myself diligently. I became an intellectual stoker, topping off my informal training with a good thick veneer of scientific methodology.

The result is, as you might expect, that I am now an excellent fireman. I can take any sort of kindling and any sort of fuel, kick any sort of cat out of the way, have the flames roaring merrily in five minutes flat, and prolong a mass of red-hot coals indefinitely. I can unconsciously fill the humidifier and automatically remove clinkers and ashes. If it didn't sound too much like bragging, I would say that I could keep my frailest female relative-in-law smilingly warm in my home on the coldest day that ever blew.

In short, I have been educated. I have adjusted myself to an environment.

Were it not for one little thing, I should invite the Federal Department of Education to make a survey of me—that my light might shine.

But we have installed a gas burner, and I, an expensively educated stoker, have been supplanted by a dinky thermostat.

The happiness and unhappiness of the rational, social animal depends not on what he feels but on what he does; just as his virtue and vice consist not in feeling but in doing. —Marcus Aurelius.

AMONG THE ALUMNI

LeRoy Alt, '16, is teaching vocational agriculture in the Mankato high school, Mankato.

F. W. Atkerson, M. S. '29, is head of the dairy department at the University of Idaho, Moscow.

L. O. Nolf, '26 and '29, is graduate assistant in the department of helminthology, Johns Hopkins university, Baltimore, Md.

Hazel A. Lyness, '22, is home economics supervisor, and Marjorie Mirick, '29, teaches physical education in the high school at Coffeyville.

Christine M. Corlett, '91, formerly of Washington, D. C., is now in Fullerton, Calif. Miss Corlett writes that she does not want to miss a single issue of THE INDUSTRIALIST.

Marshall H. Russell, '18, who has been with the General Electric company since graduation, is now manager of sales to machinery manufacturers and motor dealers in the company's Cleveland office.

L. H. Gould, '12, is manager for the Stearns Packing company with headquarters at Los Mochis, Sinaloa, Mexico. This company packs 1,000 to 1,500 cars of green tomatoes between December 1 and June 1 each year. Gould was formerly county agent in Coconino county, Arizona.

E. G. Sanders, '13, supervisor of fuel conservation with the Atchison, Topeka, and Santa Fe Railway company, made a brief stop in Manhattan the first part of October on his return trip from a railway meeting at Chicago, and visited with his parents. His headquarters are at Amarillo, Tex.

MARRIAGES

NORTON—HARDEN

The marriage of Twila Norton, f. s., Centralia, and Eldon T. Harden, '28, Centralia, took place August 10 at the home of the bride's parents. Mr. and Mrs. Harden are making their home on a farm near Centralia.

WILLIAMS—CORYELL

Mr. and Mrs. H. E. Williams of Manhattan announce the marriage of their daughter Bertha, '28, to Myron Coryell, f. s., of Junction City, which occurred at the home of the bride's parents, November 12. After November 20 Mr. and Mrs. Coryell will be at home in Junction City.

BUTLER—BUTTERFIELD

Edna H. Butler, '18, and Earl C. Butterfield, '98, were married October 1 in New York City. They now live at Arlington Farm, Washington, D. C. Mr. Butterfield is superintendent of the farm.

SHOLL—SHERMAN

The marriage of Mary Eldridge Sholl, graduate of the Bucknell university, and Ralph W. Sherman, '24, took place June 6th at Burlington, N. J. Mr. and Mrs. Sherman are at home at 23 Harrison avenue, Erlton, N. J. Mr. Sherman is associated with the United States department of agriculture as officer in charge of violations and investigations of the Japanese beetle quarantine with headquarters at Camden.

JAMES WALKER MCCOLLOCH An Appreciation

James Walker McCulloch was born at Anthony, April 14, 1889. He died November 11, 1929, at Manhattan.

He was graduated from the Kansas State Agricultural college in 1912, with the degree of bachelor of science. During his undergraduate work in 1910 and 1911, he was employed by the college as a special field agent, and began his entomological investigations on the chinch bug, Hessian fly, and corn earworm. In 1912 he was appointed assistant entomologist of the Kansas agricultural experiment station.

It was soon discovered that Mr. McCulloch was a man of unusual research ability and a good teacher. His bulletin on the chinch bug, circulars on the Hessian fly control, chinch bug control, and scientific papers on the chinch bug egg parasite, the dust sprays for the control of the corn earworm and the dispersal of the Hessian fly by wind, attracted wide attention and received favorable comment. His ability and usefulness was recognized by the college by promoting him, in 1918, to the position of associate professor of en-

tomology in the college, and associate entomologist of the experiment station.

Meanwhile, his research work was expanded to include studies of the soil-inhabiting insects, insect ecology, and the resistance of plants to insect attack. In these studies he soon established for himself an enviable reputation and was regarded by the entomological fraternity as one of the outstanding research men in economic entomology. He received the degree of master of science in 1923.

During the absence of the head of the department of entomology, from 1923 to 1925, Mr. McCulloch was acting head of the department, acting entomologist of the experiment station, and acting state entomologist. Here he demonstrated his splendid ability as an executive. In 1925 he was promoted to a full professorship.

Professor McCulloch has published many bulletins, circulars, and scientific papers which are real contributions to entomological science. Probably some of his most outstanding recent publications are his bulletin on the Hessian fly in Kansas, circular on chinch bug barriers, and scientific papers on false wireworms, resistance of wheat to Hessian fly, and the reciprocal relations of soil and insects.

Professor McCulloch always took hold of a piece of work with the intention of doing it well and it was always well done. He was absolutely trustworthy, dependable, and loyal. During the 20 years that he was connected with the college, he was always willing to carry more than his share of the work. He possessed the rare ability of quickly analyzing a situation, particularly an insect outbreak, and he seldom erred in his judgment. His whole life was one of service and he was most happy when serving others. In spite of his pressing duties in entomological work, he found time to devote considerable attention to his duties in the Masonic lodge, his work in the Congregational church, his committee work in scientific societies, the editorial work of the Kansas agricultural experiment station, the journal of the Kansas entomological society, and biological abstracts.

Professor McCulloch was a member and an active worker in the following scientific societies:

American association for the advancement of science, American association of economic entomologists, Entomological Society of America, American microscopical society, Kansas entomological society, Kansas academy of science, Sigma Xi, Phi Kappa Phi, Gamma Sigma Delta, and Alpha Zeta.

His earnest desire for economic entomology to develop on that broad and constructive plane so necessary for the rendering of the maximum service and usefulness was well illustrated by his leading part in the inauguration of and the participation in meetings of entomologists, such as the north central states entomologists, Rocky mountain conference of entomologists, and the Kansas entomological society, engaged in similar entomological problems.

His fine generosity and vision of professional service were largely instrumental in determining the practice of free interchange of plans of investigations and unpublished information of entomological investigations conducted by workers interested in the Hessian fly, chinch bug, corn earworm, wireworms, white grubs, and other staple crop insects. The loss of his fellowship, experience, and resourcefulness is incalculable. In his untimely death, entomology has suffered a real loss and his associates and coworkers in the United States, Canada, and many foreign countries will feel intimately the loss of his fine personality and stimulating influence.

A well earned, appropriate statement of the sterling character and life of service of Professor McCulloch was truly expressed at the funeral service by his pastor, the Rev. J. P. Jockinsen: "Staunch in character; upright in action; a true scientist; foremost among economic entomologists; yet a friendly spirit; warm in his fellowships; forgetful of himself; ever thoughtful of others; faithful to his church; a lover of his home; a follower of the Master. May the peace of God that passeth understanding abide with his spirit."

—George A. Dean.

LOOKING AROUND

KENNEY L. FORD

"Bo" McMillin has made good at K. S. A. C. Kansas Aggies realize the full significance of that statement. "Bo" came to K. S. A. C. following the great Charles Bachman, the man who put the Kansas Aggies on the football map.

Sport critics say that K. S. A. C. has one of the greatest, if not the greatest, football teams in her history. K. S. A. C. spirit, engendered by McMillin and his team, is most gratifying. Intense loyalty tempered with common sense best describes it. We rejoice that "Bo" has decisively made good at K. S. A. C.

October 30, 1929

TO THE INDUSTRIALIST:

A recent note in THE INDUSTRIALIST impels me to believe that I am still in Alaska. Quite correct. However, I must deny the allegation that I am in charge of the United States agricultural experiment station. I resigned two years ago and since that time have been associated with the above college as professor of agriculture, succeeding Clinton H. Morgan, '22.

I like the idea of a class reunion. It would be great again to see the boys and girls of that class of one hundred. It would be a wonderful homecoming and quickly accomplished if I were equipped as Job longed to be when he said, "Had I but the wings of a dove for then would I fly away home." That may not be quoted absolutely correctly, but then it is a quarter of a century since I attended Mrs. Wilder's Bible class in the Methodist Church.

Anyhow the latest scramble up here is to complete an International Pacific highway connecting Los Angeles with Fairbanks. When that is completed I am going to pour a gallon of hooch into the radiator of my Studebaker and wings or no wings head south. Lover's lane is going to be a disappointment though. I can see that from here by the pictures in the last INDUSTRIALIST. But sentiment and imagination linger undimmed by years or miles because of the smiles once seen there.

I am enclosing a copy of the Farthest North Collegian. It represents the youngest of the land grant colleges, and the last unless Uncle Sam acquires by purchase or otherwise more domain.

Sincerely,
G. W. Gasser, '05,
Professor of Agriculture,
Alaska Agricultural College and School of Mines.

The Farthest North Collegian, inclosed by Professor Gasser, is a six column monthly student newspaper. Two illustrations are used, each of a graduate of the college who has obtained a new position.

Among the news stories is one of a student, Alvin Polet of Nome, Alaska, who flew by airplane the 600 miles from his home to the college at Fairbanks. The postoffice address of the school is "College, Alaska."

Money Gone, Husband Ill in Kansas, Mrs. Nickoloff Asks College for Aid

"We have finished all you have sent us. Winter is coming but I have no money to buy clothes and shoes for us. I pray for you people to help me and write me about my husband."

Back of the coming presentation by the Cosmopolitan club of "Cosmo Ditties" on December 13 is the above appeal, received by Dean L. E. Call from Mrs. Rouska Nickoloff and her son Lubchou. Back of the presentation is Pop Nickoloff, very ill in the state tuberculosis sanatorium at Norton, far from his wife and son in Bulgaria.

Pop Nickoloff was graduated from K. S. A. C. in 1928, worked at the Hays branch of the state experiment station during the summer, and returned in the fall, planning to continue work on his master's degree. Arrangements had been completed for his obtaining a position in an Albanian agricultural and vocational school. Money for his passage home was provided by the Cosmopolitan and Kiwanis clubs. Nickoloff was to

Chicago Alumni Meet

The Chicago Aggies had a fine turn-out to their alumni meeting at the Medical and Dental Arts club, 185 N. Wabash avenue, Thursday evening, November 14. Since this alumni meeting was held at the time of the annual convention of the Association of Land-Grant colleges and universities, in Chicago, it was possible for several representatives from K. S. A. C. to be on the program.

Leslie A. Fitz, '02, acted as toastmaster and Merle J. Lucas, '21, served as secretary. President F. D. Farrell, Dean Margaret Justin, Dean R. A. Seaton, and Dean Harry Umberger, all spoke on the program as representatives from K. S. A. C. Philip Fox, '97, director of the Adler Planetarium, Evanston, Ill., and Walter T. Swingle, '90, bureau of plant industry, United States department of agriculture, Washington, D. C., made short talks. Swingle has had a very active part in developing the date industry in the United States, and he took advantage of the opportunity to develop the appreciation of all alumni present for eating more dates by passing around choice samples of his favorite fruit.

David G. Robertson, '86, Chicago, moved that President Farrell carry to Dean Julius T. Willard a vote of congratulation from the Chicago alumni on the completion of 50 years at K. S. A. C. and their best wishes for his future happiness. The motion was cordially consented to by all.

Those present at the banquet meeting were:

Philip Fox, '97; Joseph L. Mullen, '20; M. M. Muguerditchian, '20; M. Louise Ziller, '17; Gordon Hamilton, '19; Mrs. Vera (Olmstead) Hamilton, '19; Rose (Straka) Fowler, '18; Wilma (Van Horn) Mattson, '16; J. F. Brown, '21; Donald C. Thayer, '20; D. G. Robertson, '86, and Mrs. Robertson; B. Q. Shields, '18; R. A. Schultz, '26; Francella Stratton, '28; Keith P. Nowell, '25; Thomas R. Brennan, '29; Helen Clydesdale, '28; Leo H. Schutte, '25; W. H. Koenig, '22; Dr. Esther S. Nelson, '15; Selma E. Nelson, '12; Harry E. Hershey, '10; H. H. Harbecke, '11; E. H. Freeman, '95; Thomas B. Hofmann, '29; Donald Martin, '29; Paul Lortscher, '29; R. M. Green, '22; C. E. Dominy, '26, and Mrs. Dominy.

F. W. ImMasche, '29; Mamie Grimes, '20; Elizabeth McKittrick, M. S. '22; Roy S. Breese, '21, and Mrs. Breese; R. G. Lawry, '03, and Mrs. Lawry; Carl W. Floyd, '28; James H. Marchbank, '28, and Mrs. Dorothy (Fulton) Marchbank, '28; Ivan H. Riley, '24, and Mrs. Geneva (Hollis) Riley, '24; Merle J. Lucas, '21, and Mrs. Violet (Andrew) Lucas, f. s.; John F. Bostwick, f. s., and Mrs. Bostwick; Ferol P. Gehring, f. s.; Laura C. Fayman, f. s.; Helen Elcock, K. S. A. C. faculty; L. A. Fitz, '02; Lester R. Sellers, '24, and Mrs. Vida (Baker) Sellers, '24; and Grace Henderson, former home demonstration agent and graduate student at the University of Chicago, all of Chicago and vicinity.

From other cities were W. T. Swingle, '90, Washington, D. C.; Dan H. Otis, '92, Madison, Wis.; Dean H. Umberger, '05; Margaret M. Justin, '09; R. A. Seaton, '04; and President F. D. Farrell.

RECENT HAPPENINGS ON THE HILL

The nature of heat in terms of the latest theories was explained by Prof. E. V. Floyd of the physics department in a lecture November 12 in Denison hall. His subject was "Quantum Explanation of Specific Heats."

Personal property of Miss Cornelia Crittenden and Miss Gratia Burns, instructors in the modern language department, was seriously damaged by smoke and water in the fire which occurred last week in the Drexel apartments, 1425 Laramie.

Members of the Klod and Kernel club held a special meeting November 12 in honor of the 1929 grain judging team. Members of the team are William Painter, Meade; J. J. Curtis, Toronto; Joe H. Green, Beverly; and J. W. Decker, Holton.

K sweaters were awarded to four girls at the annual hockey spread, November 12. Announcement was also made of the honorary hockey and tennis teams. The girls to whom the sweaters were awarded were Martha Smith, Mina Skillin, Effie Rasher, and Frances Wagar.

An exhibition of nearly 200 Japanese prints is being shown in the art gallery of the department of architecture this week. The prints, which are reproductions of old masters, were made in Japan, and were brought to this country by the Japan Art and Novelty Importing company of Minneapolis, Minn.

Classes in marketing in the agricultural economics department left Monday for Kansas City for their annual inspection tour. The trip includes visits to the Kansas City board of trade, the terminal elevators, and a mill and a corn products company. The classes make a trip each fall, alternating between Wichita and Kansas City.

Three college faculty members were speakers at the regular meeting of the Parent-Teacher association of the Manhattan high school, November 14. The general topic under discussion was "What Parents Expect of the Public Schools and Their Teachers." Dr. W. E. Grimes discussed the phase, "Intellectual Habits;" Prof. H. W. Davis, "Cultural Habits;" and Dean Mary P. Van Zile, "Social Graces."

Three out-of-the-house parties will be allowed each social organization during the college year, 1929-30, according to the student council. Only one of these can be a 12:30 o'clock party. Heretofore only two parties were permitted each organization, but when petitions for a third were received by S. G. A., it was decided that the new plan would be adopted for a year's trial.

The fifteenth annual Aggie Pop will be held December 6 and 7. The Women's Athletic association and girls' glee club will have charge of special features and will not compete for prizes. Organizations which have entered the competition are now working on their stunts under the direction of Mary Myers Elliot, of the department of public speaking.

Need More Songs

Lester Means, '23, Schenectady, N. Y., makes this suggestion:

"We need more K. S. A. C. songs for our alumni meetings, football rallies and Aggie get-togethers. Alma Mater and Wildcat Victory are fine, but we need more college songs."

Means told of attending a Cornell alumni meeting where they sang song after song from memory.

Group singing is certainly essential at many dinner meetings and would add zest and joy to our alumni meetings if done well. Here is an opportunity for a few with the ability to build themselves into K. S. A. C. by composing a song that would be adopted by K. S. A. C., as did H. W. Jones, '88, Topeka, author of Alma Mater and Harry E. Erickson, '27, St. Joseph, Mo., author of Wildcat Victory. Why not have a Touchdown II Victory march, K-Aggie War song, Fight Aggies Fight, and others to sing with Alma Mater and Wildcat Victory?

COLLEGE SHEEP WIN AT AMERICAN ROYAL

FLOCK WINS 14 FIRSTS, TWO SECONDS, OF 16

Virtually Sweep Fat Sheep Class in Competition With 28 Exhibitors From 13 States—Take Five Championship Ribbons

The animal husbandry department of the Kansas State Agricultural college hung up a record in the judging at the American Royal Live Stock show in Kansas City Tuesday by taking 14 first prizes out of a possible 16 and two seconds in the fat sheep classes. The Manhattan flock numbers about 30 head.

The prizes were won in competition with 28 exhibitors from 13 states. Credit for the achievement was given to Prof. C. W. McCampbell, head of the animal husbandry department, Prof. H. E. Reed, head of the sheep division, and "Tommy" Dean, English shepherd.

The 14 prize winners corralled five greater honors, three champion ribbons in the Southdown, Hampshire and Shropshire groups, and two grand champion ribbons for the grand champion fat sheep and the grand champion pen of fat sheep.

DRAMA

"Young Woodley," a romance drama by John Van Druten, was most ably presented by the Manhattan Theater players on Friday and Saturday nights as their second offering of the current season.

As a whole the cast was perhaps the best with which H. Miles Heberer has yet been privileged to work. If the director made the slightest error in casting the play, that error was not apparent in the production. Intelligent conception of the role portrayed marked the acting of each of the performers.

The play itself is a constant compromise between humor and seriousness. One can laugh at young Woodley, or can feel deeply sympathetic with him—according to one's particular brand of human nature. This fact undoubtedly accounts for the frequent snickers on the part of some that were considered ill-timed by others who were not sure but that they were witnessing tragedy in the life of a youth in his late adolescence.

Roscoe Faunce, appearing for his first time before a local audience, interpreted and acted the role of young Woodley with a convincing sympathy and with pleasing nicety. Mr. Faunce's acting established the fact that he strives first for sympathetic understanding of the role and then devotes himself diligently to detail, all of which is as it should be. A less cautious performer could have easily marred the role.

Edith Watson Templeton ably handled a difficult assignment to the role of Laura Simmons, the youthful wife of the sour, cynical master of the school. Her interpretation of the wavering, somewhat bewildered Laura was keen and her acting was charming. The lightness of her voice in the Friday evening performance was all that kept her work from being of the very highest quality. Her delicate shifts of mood were extremely well done.

The work of L. V. White as Simmons, the bitter, unpleasant master of the school in which young Woodley and his companions were trying to get adjusted to life, was good. Professor White acts with ease and deliberation and steadily refuses to overdo. Edward Fisher interpreted the role of Vining, the loudmouthed, crude youngster highly pleased with his little sophistication, most excellently. Elbert Smith did the more gentle and more genuine Ainger, friend to Woodley and enemy to bluff and buncombe, admirably.

Colonel J. M. Petty, as Mr. Woodley, sr., Challis Meagher as Milner, and Harley Lowe as Cope, did much with three parts that would have been sadly neglected with nine out of 10 amateur performances. Miss Elsie Wall, as the maid in the Simmons household, properly subordinated a very minor part.

The stage sets, designed by Alden Crider, were neat, artistic in themselves, and remarkably well adapted to the play. For the first time in a long time changes of scene were effected on the college auditorium stage without the audience's beginning to wonder about breakfast. And

that marks an advance in college dramatics that should not pass unnoticed.

The college orchestra, under the direction of Mr. Lyle Downey, added considerably to the enjoyment of the evening with an overture and light opera selections between acts.

—H. W. D.

K-AGGIES AND UNIVERSITY ARE CROSS COUNTRY LEADERS

Both Kansas Teams Undeclared in Big Six

Competition for the cross country championship of the Big Six conference, which will be held at Lincoln, Neb., on Thanksgiving day, is expected to rest chiefly between the two Kansas members of the conference, the Kansas Aggies and Kansas university. Both teams are undefeated in dual meets.

K. U. has defeated Nebraska, Oklahoma, Missouri, and Iowa State, while the Wildcats have won from Oklahoma, Missouri, Iowa State, and the Oklahoma Aggies. Oklahoma has so improved as to constitute a definite threat.

Captain Ray Putnam of Iowa State is expected to repeat as individual champion, though he may be pressed by Captain H. S. Miller of the Aggies, winner of third last year.

Theta Sigma Phi Pledges

Theta Sigma Phi, national honor organization for women in journalism, announces the pledging of Ruth Helstrom, McPherson; Emily Sheppard Thackrey, Manhattan; Bernice Bender, Holton, and Vera Crawford, Lincoln.

A single fact often will spoil an interesting argument.

SATURDAY'S BATTLE ONE FOR AN ALGER

PLENTY OF DRAMA IN UPWARD RISE OF AGGIES

Huskers, in Role of Deep-Dyed Villains, Will Try to Kidnap Big Six Title, But Wildcat Defenders Will Be There

The shade of Horatio Alger, that prolific writer of stories concerning young men who won to success against great odds, should be among those present at the Kansas Aggie-Nebraska game for the Big Six championship in Manhattan next Saturday. When Mr. Alger wrote stories not one-half as spectacular as the sudden rise of the Wildcats in conference circles, the public shouted "hokum" and removed Mr. Alger from the list of books little Johnny should read.

On the one hand, in Saturday's drama, we have Nebraska, many times winner of the conference championship. Nebraska, ponderous bonecrushers from the north—perhaps not so ponderous this year, but still Nebraska.

On the other hand, the Kansas Aggies. Door mat of the conference last season, and predicted by many of the sometime experts to assume a similar role this year.

A CLIMAX SATURDAY

This drama which comes to a climax Saturday had its first act against Purdue early in October. Purdue was then just another Big Ten football team, instead of the national championship threat it has since become, so the 26 to 14 defeat of the Wildcats looked much more serious then than at any time since.

The Texas Aggies dealt another

sock from the stern fist of Fate.

This made our young heroes very angry. Something had to happen.

It happened, in capital letters, at Lawrence the following Saturday.

Then came the final adverse test which Mr. Alger always applies to his favorite. Oklahoma took the role of tester.

WIGGINS SAVES DAY

One act later. The day before the Missouri game. Thunder, rain, lightning. Alex Nigro, star halfback, taken from the lineup by an infected leg. Next afternoon. Real rain falling. Three quarters of the Tiger game over. One Missouri touchdown over. Much gloom. But young Mr. Wiggins snatches the errant pigskin from the heavens, runs 82 yards. Young Mr. Tackwell adds the point. Joy.

It is now two acts later. Young Mr. Tackwell has again saved the day, against Iowa State, with a well placed kick.

The Nebraska eleven, just an ordinary bunch of boys on week days, have suddenly assumed the role of deep-dyed villains. Eleven Kansas Aggie players will essay the part of the defenders of the beautiful cheild, the conference championship.

The Kansas Aggie and Nebraska bands will play the overture. Then let the curtain rise!

STOCK JUDGING TEAM SECOND AT WICHITA

Three Teams Bunched Near Top in Competition—Will Judge at American Royal in Kansas City

The college livestock judging team, coached by F. W. Bell, took second place at the Western National Livestock show at Wichita, which closed last Thursday evening.

Texas Aggies placed first with seven points more than K. S. A. C., and the Oklahoma Aggies were third with nine points below Texas. The teams entered and their scores were as follows: Texas Aggies, 2,634; K. S. A. C., 2,627; Oklahoma Aggies, 2,625; Colorado Aggies, 2,560; Iowa State, 2,537; Missouri, 2,482; and Wyoming, 2,474.

The men who comprised the college team are H. R. Bradley, Kidder, Mo.; P. R. Chilen, Miltonvale; Ray H. Hoss, Potwin; R. W. O'Hara, Blue Mound; F. H. Schultis, Sylvan Grove; and J. A. Terrell, Syracuse.

H. R. Bradley scored first place on the K. S. A. C. team and third in the contest, and F. H. Schultis placed second on the K. S. A. C. team and seventh in the contest.

The team went from Wichita to Kansas City, where they were entered in the American Royal Livestock show.

STUDENT DIES SUDDENLY FOLLOWING SOCCER GAME

John Minor, Syracuse, Believed Heart Disease Victim

John L. Minor, 28, of Syracuse, senior in agricultural engineering at the college, died suddenly at the Alpha Gamma Rho fraternity house, a few minutes after 6 o'clock Monday evening. Heart disease was believed to have been the cause of his death.

Minor just had returned from playing in a soccer game, in which his fraternity opposed the Sigma Phi Sigma team. He played but a few minutes. He died about half an hour after the game.

Apparently normal upon arrival at the house, Minor remained in the living room for a few minutes, and then walked upstairs. He sat down at a study table and pitched forward in the chair. Two of his friends, standing near, caught him before he fell to the floor. He was unconscious and died soon afterward.

The body was taken to the Southern funeral home, pending receipt of word from relatives. Minor was active in the agricultural division at the college and was a cadet officer in the R. O. T. C.

Need a Good Ration

Liberal feeding of the dairy cow does not necessarily mean the use of high priced feeds, says James W. Linn, extension dairyman, but it does mean the use of a well balanced ration comprised of home grown feeds and supplemented with grains which furnish nutrients at the least possible cost. Alfalfa or some legume is always recommended as the foundation of any ration. It is the cheapest and best source of protein.

UNDERSTANDING URGED AS WAR PREVENTATIVE

CAPTAIN CASEMENT STRESSES
AMERICAN NEED OF TOLERANCE

Armistice Day Speaker Asks for Patience in International Dealings, Backed by Preparedness to Fight When Necessary

"The surest way to prevent the recurrence of international strife is to cultivate a better understanding with our neighbors in the world," said Captain Dan Casement, prominent stockman and World war veteran, in his Armistice day address before the college student body.

"The chief immediate return from our contacts with foreign countries and their inhabitants may be credited mainly to self improvement. It behooves us to approach other countries and peoples with open and tolerant minds and to invoke in our dealings with them a broad and catholic spirit. Of all people we of the United States are perhaps less liable than others to cultivate and display these essential qualities.

AMERICA STILL YOUNG

"We are younger than other nations. Measured by wealth and power we are today probably the greatest of all nations. These two factors make inevitably for that intolerance and self-sufficiency which are the most formidable enemies of the progress of international amity and good will.

"Equality of armaments, however faithfully contracted and scrupulously observed, will not serve to prevent war. It might more readily provoke it. For what virile nation is there, which, given equal arms with an adversary, would admit without trial that its manhood was less proficient in their use or that it could not conquer in equal combat?

"Agreements and courts are but expedients to lighten present burdens, not guarantees against future holocausts," Captain Casement said. "Far less effective and even dangerous is the belief that adherence to the doctrine of non-resistance can serve as a preventive of war.

"All history gives the lie to our vain hopes that war in the world shall cease.

'PRACTICE GOLDEN RULE'

"Expressions of high moral purpose are uttered by the same voices that call most urgently for death and destruction of the enemy. In the action of the human drama the most noble of qualities keep close step with the most brutal elements of man's physical nature.

"A good way of preventing war is scrupulously to practice in international as well as in individual relations the Golden Rule; to be patient, courteous, tolerant, and comprehending in our dealings with other peoples, and above all to bear constantly in mind the sage advice of the father of our country and be prepared at all times intelligently and vigorously to resist with force, if need be, injustice, wrong, and aggression."

Veterans of the World war, Civil war, and Spanish-American war were seated on the stage with officers of the K. S. A. C. military department and cadet officers. The entire lower section of the auditorium was filled by the college R. O. T. C.

Choose Meats Judges

The meats judging teams which will represent the college at the American Royal at Kansas City this week have been selected by D. L. Mackintosh, coach. The men's team includes Walter Powers, Holton; T. H. Gile, Scandia; M. L. Cox, Goodrich; and H. W. Ellis, Coldwater. Those selected for the girls' team are: Vivian Abell, Riley; Orpha Brown, Edmond; Frances L. Wentz, Ames; and Mary Wilson, Council Grove.

Nebraska Governor Invited

An invitation to Governor A. J. Weaver of Nebraska to attend the Kansas Aggie-Nebraska football game here next Saturday was sent this week by President F. D. Farrell. Two years ago Nebraska's chief executive attended the game here.

Big Six Standings

	W.	L.	T.	Pct.
Nebraska	1	0	2	1.000
K-Aggies	3	1	0	.750
Oklahoma	2	1	1	.666
Missouri	1	1	1	.500
Kansas U.	2	2	0	.500
Iowa State	0	4	0	.000

PROGRESS OF KANSAS PRESS

F. E. C.

The Downs News has changed from six to seven columns.

The Chieftain at La Crosse is now edited and owned by W. P. Atherton.

The Kiowa Record, published by F. E. Hagenbush, has changed from five to six column make up. It will continue to come out three times a week—Tuesdays, Thursdays, and Saturdays.

An oldest settlers' contest conducted by the Russell Record aroused so much interest that the closing date had to be put off. An Old Settlers' association, to be formed at Russell, will use the material obtained in the contest as a basis for its organization.

A. Q. Miller, sr., is leaving his post as internal revenue collector to assume management again of his Belleville Telescope. Last week marked the twenty-fifth anniversary of Miller's association with the Telescope and an excellent anniversary edition was published.

Walt Neibarger, editor of the Tonganoxie Mirror, usually goes up in the air on our ideas but we'll risk this one on him—any editor who publishes a newspaper in a town of 1,000 to 1,500 population can let the Mirror be his model. If his paper approaches Neibarger's it'll pass muster.

No. 1, Vol. 1, of the Garden City Daily Telegram has made its appearance and though we have not received a copy of it, others say it is a first class paper of six seven-column pages. It uses Associated Press service. Frank Ewing is the man behind it. It will be recalled that the Telegram and the Herald were recently consolidated at Garden City.

A young editor asked E. E. Kelley for advice about running an editorial page. The reply of the Topeka Capitalist's columnist seems worth repeating: "Run it. Write it yourself, and lay off the 'canned' editorial paragraphs. And whether your paragraphs have polish or not, if they are original and carry the honest stamp of truth, they will have readers."

The El Dorado Times offers some advice that other newspapers might well pass on to advertisers. According to the Times, a merchant complained when only a part of his ad was published. It was discovered that

the copy had been handed in on the back sides of two check stubs, one of which was subsequently lost. Thinks the Time writer, anything worthy of advertising is worthy of carefully prepared copy.

Mrs. Frances Zumwalt, editor-owner, seems to be getting some good advertising from Kansas City concerns for her Bonner Springs Chieftain. The copy appears under a two-column headline very similar to a news head but separated from the straight matter by the advertising cutoff rules. Should be o. k. so long as it doesn't clash with advertising of home town merchants and institutions and maybe other small papers near large cities can strike up such advertising. However, reader advertising shouldn't be given preferred position.

Just as everyone who knows Frank Motz, editor and manager of the new Hays Daily News, expected, Vol. 1, No. 1, of that paper was one worthy of emulation. Motz won't put out very many issues as big as that 64-page No. 1 which appeared on Armistice day but the quality will be the same. The News has Associated Press service as well as plenty of local items. The Ellis County News is to be continued as a weekly and we understand John Bird will edit it again. Launching of the daily by the News Publishing company just means another good newspaper for that section. Hays can feel happy about it.

A copy of that excellent paper, the Girard Press, is on this desk. It is No. 2 of Vol. 61, which makes it one of the old-timers. Though the present owner and editor, H. W. Shideler, has broken no records for long time editorship on this paper he certainly has put out a good one for his subscribers. Incidentally, if Connelly's newspaper history is to be relied upon, the Press had a stormy time of it 60 years ago. The paper is a continuation of the Fort Scott Press, published in the late sixties in Fort Scott. In 1869 it was moved to Girard. In the summer of 1871 during the Cherokee Neutral Land troubles the office was burned by a mob. But this misfortune suspended publication for only three weeks. A daily edition was started in 1894 and continued three years. All of which gives the present Girard Press some background. Incidentally, also, it is young Ralph Shideler who helps make the wheels go around on the Press.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, December 4, 1929

Number 11

SOYS AROUSE INTEREST IN SOUTHEAST KANSAS

COLLEGE TO PRINT BULLETIN ON
CROP SOON

Bean Crusher at Fredonia Is an Incentive to Production—But the Crop Bids Fair to Deserve Attention It Gets

Soy beans as a profitable crop for southeastern Kansas is a possibility that is awakening a great deal of interest at present, according to Prof. R. I. Throckmorton, head of the K. S. A. C. agronomy department. Many inquiries concerning soy beans are coming into the agronomy office, and a bulletin, for which the manuscript is almost complete, will be published concerning the crop.

The bulletin will discuss the methods of production and harvesting, for both seed and hay, and will contain the newest information concerning yields of the different varieties.

CRUSHER DEMANDS BEANS

An impetus for increased seed production has been furnished by the Fredonia Linseed Oil company, of which L. H. Wiley is manager. This plant has installed a soy bean seed crusher to extract the oil from the beans, and therefore wants to increase production of seed in the surrounding territory. The plant guarantees farmers a minimum cash price for the crop produced.

The soy bean oil compares favorably with linseed oil for some uses, such as linoleum manufacture, though not as well as a substitute in paints, according to Professor Throckmorton. A soy bean meal suitable for livestock feed is a by-product of the crusher.

Fredonia is located in Wilson county, and the plant, therefore, will be able to use beans from southeastern Kansas, northeastern Oklahoma, and southwestern Missouri.

Soy beans are an especially promising crop for the southeastern part of the state because they will grow on soils that are too acid for alfalfa, sweet clover, or red clover, and being of the legume family add to the nitrogen content of the soil.

PAYS BETTER THAN CORN

Corn on the acid upland soils will average only 16 or 18 bushels per acre, and the cash return on soy seed at present is higher than on corn. A good yield of soy beans will make 12 or more bushels per acre. College experimental plots in southeastern Kansas show an average seed production for five years of 13.3 bushels per acre.

Soy beans have another advantage over some other cultivated crops in that they are planted later, and, therefore, are not likely to be injured by a wet spring, a common occurrence in the area in which production is being promoted.

Soy beans cannot be grown for hay and seed at the same time. They must be produced for one purpose. With the hay varieties production approximates 2.5 tons per acre.

REGENTS MEET HERE WITH SCHOOL HEADS

Governing Board of State Institutions and College Presidents Guests of
Manhattan and K. S. A. C.

Members of the Kansas board of regents and the heads of the five state schools were guests of Manhattan and the college last Monday and Tuesday morning. It was the first time in several years that the entire board and all the school heads have been together in Manhattan.

Members of the group were guests of the Manhattan chamber of commerce at a dinner Monday night, and later attended a reception given by President F. D. Farrell in Recreation center. Members of the college faculty were presented to the board and the school heads at the reception.

Short talks were made at the reception by W. Y. Morgan of Hutchinson, chairman of the board of regents; President T. W. Butcher of the Kansas State Teachers' college of Emporia; President W. A. Bran-

denburg of the Kansas State Teachers' college of Pittsburg; Chancellor E. H. Lindley of Kansas university, and President Farrell. President W. A. Lewis of the Kansas State Teachers' college of Hays was unable to attend the reception.

Praise for the work of the college was voiced by Morgan, who said that the board of regents was well satisfied with the work of the faculty, and that "it is impossible for you people here to realize the manner in which the faces of Kansas are turning for intellectual guidance to the college."

Two new members of the board, Oscar Stauffer of Arkansas City and C. C. Wilson of Meade, were in Manhattan for the first time in their official capacity.

Members of the board present, in addition to Morgan, Stauffer, and Wilson, were C. M. Harger of Abilene; C. B. Merriam, Topeka; B. C. Culp, Beloit; C. W. Spencer, Sedan, and W. E. Ireland, Yates Center.

A musical program was given at the reception by Prof. William Lindquist, head of the music department, who sang, and Max Martin, assistant professor of music, who played two violin numbers.

The board of regents held a meeting at the college Tuesday morning.

MECHANICAL ENGINEERS WORK IN AERONAUTICS

Construction of Glider for Training
Now Under Way—New Courses Introduced and Equipment Added

Work in aeronautical engineering at the college is fast becoming one of the most popular activities for students in the course of mechanical engineering, according to C. E. Pearce, professor of machine design.

The Kansas State Aeronautical association, composed of about a hundred students in the mechanical engineering course, is actively engaged in construction of a glider to be used for training processes. Piloting of the glider when it is completed probably will be in charge of J. C. Dalgarn of Manhattan. Dalgarn was an overseas pilot during the World war and has had several years experience as an instructor in military aeronautics.

Optional courses in aeronautical engineering are being introduced for those students interested in this phase of mechanical engineering. These courses deal with the theory of air flight, the design of the airplane, and the airplane motor.

The mechanical engineering laboratory has added to its equipment a 300 horsepower electric dynamometer for the testing of airplane motors. This is the only college laboratory in the middle west having equipment of this capacity.

A. O. Flinger has recently been engaged as an instructor in mechanical engineering to assist in the aeronautical engineering work. Flinger as a student at K. S. A. C. was actively interested in aeronautics, and since graduation has been connected with the Stearman Aircraft company, Wichita.

EASTERN ALUMNI BANQUET IN NEW YORK DECEMBER 13

President F. D. Farrell Scheduled as
Principal Speaker

The Eastern alumni association dinner will be held at the Hotel Wolcott, 4 West Thirty-first street, New York City, at 6:30 o'clock Friday evening, December 13. President F. D. Farrell is to be the principal speaker.

K. S. A. C. alumni and friends in and about the metropolitan area of New York City should notify H. W. Garbe, '27, 463 West street, New York City, or telephone Chelsea 1,000, extension 209, if they desire to attend. Reservations are \$1.75 per plate.

Keeping daily milk weights on individual cows will not take more than five minutes extra time per day for 10 cows.

CAGE OUTLOOK GOOD AS WORKOUTS START

SIX LETTER MEN AMONG 15 REPORTING FOR PRACTICE

Seven Outstanding Sophomores Will Give Veterans Keen Competition—End of Football Releases Nine Athletes for Basketball

With nine of the 15 men expected to make up the varsity basketball squad released for practice by the end of the football season, Coach C. W. Corsaut started preparations for the 1929-30 season in earnest this week. Football men were to take it easy the first of the week, but must get into hard practice soon, as the first game with St. Marys at St. Marys comes December 18.

Six returning letter men, two veterans who did not make letters last season, and seven promising sophomores will constitute Coach Corsaut's squad.

Leading the list of returning letter men is Captain Clem D. Richardson, Hugoton, one-letter guard. Others returning are A. H. Freeman, Hoxie, center and guard; Kermit Silverwood, Ellsworth, forward; Alex Nigro, Kansas City, Mo., forward; H. R. Weller, Olathe, forward; Ray Russell, Kansas City, forward. Freeman and Silverwood are two-letter men. Wallace Forsberg of Lindsborg, forward, and H. J. Barre, Tampa, guard, are returning squad members who did not get letters.

Outstanding sophomores are as follows: Forwards—Paul Fairbank, Topeka; Ward Gibbs, Topeka; Ralph Vohs, Parsons. Guards—E. L. Auker, Norcat; Forrest Schooley, Hutchinson; George Wiggins, Lyons. Center—H. O. Cronkite, Belle Plaine. Sophomore prospects are regarded as the best in the seven years Coach Corsaut has been at Manhattan.

CRONKITE PROBABLE CENTER

Henry Cronkite, who is a shade taller than 6 feet and 5 inches, is the only sophomore who seems sure of a position, though several others undoubtedly will make letters. Cronkite is the outstanding center, as he has both height and jumping ability, and can shoot with either hand.

Among the letter men Captain Richardson at guard and Nigro at forward seem to be the favorites to become regulars again this season. Freeman probably will be shifted to guard, but will have hard competition from Auker, Wiggins, and Schooley, with the possibility that Fairbank also will be shifted back to guard. H. R. (Doc) Weller, regular guard last year, likewise will have a hard fight to win a position. Weller is handicapped by lack of height.

Silverwood, an uncannily accurate shot when he is "right," probably will play the same role of pinch-hitter that he has essayed during the past two seasons. Last year and two years ago Silverwood's best games were against Kansas university, his weird shots being responsible for the defeat of the Jayhawks on two occasions. Russell, the other letter man, should see much service as a utility player. He can fit into the lineup at either forward or guard and do a good job, but is not expected to be a regular at either position. Forsberg and Barre both barely missed a letter last season.

MAY BE SOPHOMORE TEAM

Only the season's competition will tell which of the seven sophomore stars are outstanding. To have any one, or several, of them crowd the letter men out for a regular place would not be surprising, and an entire sophomore team—though improbable—is not out of the question.

Gibbs and Fairbank, both members of the 1928 high school state championship team of Topeka, are probable letter men. Gibbs should make a regular forward if he conforms with eligibility requirements, while Fairbank is now nominally a forward but is also a fine guard. Eldon Auker is a guard with rare ability at pass interception, and will be hard to keep off the team. Vohs, Wiggins, and Schooley all rate with

the other sophomores mentioned.

With such unusual competition for each position, the men who can hit the basket best will be those who make the team. Coach Corsaut is a firm believer in the offense in basketball, and other things being equal or nearly equal, prefers five good shots on his team as opposed to four shots and one purely defensive man.

AGGIE JUDGES PLACE SIXTH IN INTERNATIONAL

Purdue Is First—College Stock Brings Home Ribbons in Classes for Sheep and Hogs

A Kansas Aggie livestock judging team placed sixth in the national intercollegiate judging event at Chicago last week. The team placed second on horses, thirteenth on swine and sheep, and twenty-first on cattle. Purdue university had the high ranking team.

The college was awarded a championship for the best grade and cross bred wether. The championship is a wether which previously won a blue ribbon. A third place in the class for pens of three wether lambs in the grade and cross bred section was also won by K. S. A. C. Other sheep placings were a fifth place for wethers, one to two-year olds in the fat Hampshire sheep division, and a third place with a pen of three wether lambs.

In the swine department the college won first prize and a blue ribbon for the best barrow, 350 pounds and over, and a third place for the best pen of three barrows over 250 pounds.

SEATON NEW CHAIRMAN OF LAND GRANT GROUP

College Dean Heads Engineering Section of Association of Land Grant Colleges and Universities

Dean R. A. Seaton of the college engineering division was elected chairman of the engineering section of the Association of Land Grant colleges and universities at its recent meeting in Chicago. Dean Seaton succeeds Dean E. B. Norris of Virginia.

For the past five years, Dean Seaton has been secretary of the engineering section of the association, and editor of the Engineering Experiment Records of the land grant colleges. Last summer he edited a comprehensive summary of the engineering research activities of the colleges and universities in the land grant group.

Dean Seaton also was recently appointed to the chairmanship of an engineering research committee sponsored by the Society for the Promotion of Engineering Education.

MARKETING SCHOOL IN WICHITA THIS WEEK

Sedgwick County Farm Bureau and College Extension Service Cooperate On Three-Day Instruction

Members of livestock marketing associations and their managers, elevator men, and farmers of central Kansas will have an opportunity to learn this week at Wichita how grain and livestock are handled on the terminal markets. The Sedgwick county farm bureau and extension service of the Kansas State Agricultural college are launching today a three-day marketing school stressing important phases of livestock and grain marketing.

The program calls for study of various classes and grades of livestock today, and study of grain marketing with a trip through a large mill and elevator and visits to the grain inspection offices and board of trade tomorrow. Friday's program includes a tour of a creamery, poultry packing plant, and meat packing plants.

Dean L. E. Call, director of the Kansas agricultural experiment station, will talk on some of the present-day problems of agriculture. George Montgomery, extension marketing specialist from the college, will have a part in the school program.

KANSAS WRITER WINS WITH A MEDAL ESSAY

CLARENCE DUNN GETS THIRD
PLACE AWARD

And His Classmates Aid Him in Bringing Home to K. S. A. C. the Silver Cup Offered by Saddle and Sirloin Club in National Contest

For the first time in the history of the national Saddle and Sirloin club medal essay contest a Kansas Aggie writer has won a medal offered by this organization of the Union Stock yards, Chicago. Clarence M. Dunn, Oskaloosa, a senior in agriculture, won third place and the bronze medal, and in addition was given a trip to Chicago with all expenses paid.

Dunn attended the banquet there December 1 and wired to his Manhattan friends the news that on a pointage basis the Kansas State Agricultural college also had won the silver loving cup for 1929. This trophy is awarded each year to the state making the highest rating on essays among the high 20. Other K. S. A. C. essayists who ranked high and thus helped to win the cup were Sam Kelly, Manhattan, fourth; Clifford Eustace, Wakefield, seventh; J. J. Curtis, Toronto, eighth; Harold Crawford, Bonner Springs, ninth, and J. E. Taylor, Manhattan, fourteenth.

PLENTY OF COMPETITION

Prizes for fourth to tenth ratings are the choice of well known agricultural books. Kansas writers competed with more than 100 writers from other states. All essays dealt with the same subject, that well known maxim, "The Eye of the Master Fattens the Cattle."

The K. S. A. C. students wrote their essays as a part of their practice work in the elementary journalism course offered for agricultural students. A local faculty committee composed of Dr. C. W. McCampbell, Dr. W. E. Grimes, and Prof. F. E. Charles advised the students with their essays but the finished products were essentially the work of student authors. The committee chose 21 of the best essays for entry in the national competition.

MORE COMPETITION AHEAD

Kansas writers must do equally well another two years if the college is to hold the silver cup. It was offered last year for the first time, Tennessee winning the first leg of a "first-to-win" three times arrangement. Now Kansas and Tennessee are deadlocked in their claim on it.

DEAN MARSTON ADDRESSES ENGINEERING STUDENTS

Foresees Opportunities in New Fields for Young Men

Dean Anson Marston of Ames, Iowa, recently addressed engineering students of the college on the general field of engineering. He outlined the progress of engineering during the last half century and discussed new fields. Among new branches of engineering discussed were those of oil production and aviation. In the oil field, wells are being drilled twice as deep as formerly, giving rise to new engineering problems.

In aeronautics, Dean Marston suggested, it isn't safe to predict what future generations may do, but it is certain the engineer will be called upon to solve problems as they arise.

Dean Marston is one of the oldest engineers in America from the standpoint of service, having been in that work since his graduation from Cornell 40 years ago. He is recognized as one of the authorities in this country on water-way engineering. President Hoover recently appointed him as one of a committee of five to investigate the enlargement of the Panama canal and the possibility of a second canal through Nicaragua. He is past president of the American Association of Land Grant Colleges and Universities and the American Society of Civil Engineers.

Is any feeling finer than that which comes from doing a hard job particularly well?

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C. E. ROGERS..... Managing Editor
F. E. CHARLES, GENEVIEVE J. BOUGHNER,
R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, DECEMBER 4, 1929

ENJOYING THE ANCIENTS

Most of us accept the ancient poets and philosophers on trust because we know nothing about them.

Early in life we are told that Homer was one of the world's most sublime poets; that Plato and Aristotle started the world along the path of philosophic thought; that Euripides and Aeschylus have been models for all who have followed them in the kind of poetry they wrote, and we "let it go at that."

Even those who "take" the classics in college often fail to get much out of them, because it is one thing to enjoy a masterpiece that can be understood easily, and quite another to wrestle painfully with every sentence while laboriously delving for grammatical variations and implications. After a "course" of the old masters taken in this form, most students are quite content never to hear of them again.

But there is a way to capture the thrills that the Greeks experienced when they heard Homer read or recited and it is not a difficult one, especially if the quest is for personal pleasure and not for credits.

Any good prose translation of the Iliad or the Odyssey, especially the latter, if read carefully, will yield rich returns.

Thus read, a marvelous panorama of pictures unfolds itself, abounding in thrills of beauty, pathos, and of terror. In all literature there is no fight like that of the strong old man bending the bow the young suitors could scarcely cause to quiver. We see the arrows reach their living targets while the lightnings of the goddess Pallas Athena play along the rafters of the banquet hall, and nothing can surpass the tenderness of the reunion of Ulysses and the faithful Penelope.

Homer is entirely free of the long descriptions of our modern poets, but his "wine dark sea" is enough. His brief descriptions of his women suffice all who love women; Penelope, the wife, Circe, the witch, Calypso, the lonely spirit of the isle. Across the picture stalk old men and youths, kings and beggars, heroes and cowards, all drawn with matchless simplicity and power.

A long gap yawns between Homer and, say, Harold Bell Wright, but believe it or not, it is well worth bridging.

FOR A GREATER KANSAS

The wheat belt program conducted by the extension division of the Kansas State Agricultural college is a piece of work which should have the backing of everyone in this state. Kansas is noted for the size and quality of her wheat crop.

A study of the Kansas income for five years shows the value of the wheat crop to be 128 million dollars, corn 73 million, livestock 107 million and minerals 133 million. Is it not then worth while that we give our attention to maintaining a high standard of wheat production?

Experimental work at the college shows that early seed bed preparation increases the yield at Manhattan 4.5 bushels per acre and at Hays 6.3 bushels per acre. At Manhattan the early preparation of seed bed increased the protein content of wheat 1.8 per cent. Thus this work demon-

strates how to get more wheat of a better quality.

The amount of early prepared wheat ground has been greatly increased in the southwest part of the state where the wheat belt program has been conducted for four years. Here 80 to 100 per cent of the wheat seed bed was prepared by August 1 this year. In the other sections of the state the amount of seed bed prepared August 1 varied from 10 to 70 per cent.

The college has demonstrated that early preparation is worth while. The wheat belt program has demonstrated that it can get results. Citizens of Kansas should demonstrate that they are willing to support a program that will make a great state greater.

LITERARY DAY IN THE SENATE

Senator Bronson Cutting of New Mexico recently spoke on an amendment to strike out of the tariff bill a still more drastic provision than is now in force for barring the importation of books, pictures, and manuscripts which customs officials deem immoral or a threat against American institutions or the lives of Americans.

There are now 739 books on the forbidden list of the customs official in charge. Since only such as protests have been raised about are examined, additions may be expected from time to time. The New Mexico senator showed that more than half of these were in Spanish. He suggested that there could not be national demoralization from this source, unless more Americans learned Spanish.

These and numerous other observations of the senator were made amid continual interruptions, with an abundance of wit and humor. It became literary day in the senate.

But with all their fun, the senators who participated seemed to agree that there is no sense in censorship and that this country is not worth saving if all the good influences, acting for morality and orderly political liberty, can be overturned by the importation of a few books.

This is the real weakness of intolerance. The truth, in politics, society, and religion, is mighty and will prevail. It does not need the protection from bad influences whimsically provided by censorship. Even the wisest are put at a disadvantage, as John Milton, that lieutenant of Cromwell whose services to freedom of speech and the press are more enduring than all his political endeavors and promise to outlast even his power as a poet, so well put it is:

Bad meats will scarce breed good nourishment in the healthiest concoction, but herein the difference is of bad books that they to a discreet and judicious reader serve in many respects to discover, to confute, to forward, and to illustrate.

Senator Cutting quoted this and other unanswerable passages from Milton and from Macaulay. It is a pity that the senate does not hold more frequent literary days and that they are not reported as fully as the doings on political field days.

—Kansas City Journal-Post.

AN HONEST PEOPLE

A wager was made at the University club, following an argument, that if a stamped and addressed letter were tossed to the sidewalk it would never be delivered to its destination. The proponents of this theory argued that anyone picking up such a letter couldn't resist opening it and afterwards tearing it up guiltily. To settle the matter, six envelopes were stamped, filled with blank stationery, and addressed to one of the men, who lives in East Seventieth street. They were then thrown away—onto sidewalks and so on. The gentlemen who risked their bet on their faith in their fellow man were to win if three of the letters were delivered. They all were, five the next day, the sixth on the day after.

—From the New Yorker.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

W. F. Heppe, '17, was agent in marketing for the United States department of agriculture.

Willard E. Lyness, '16, was agricultural agent for Thurston county, Nebraska. His headquarters were at Walthill.

E. H. Kellogg, '11, was employed in the sales department of the Burrell Technical Supply company, Pittsburgh, Pa.

Aaron E. Pearson, '14, was in the

traffic department of Carroll, Brough, Robinson, and Humphrey, importers and jobbers. He was located at Clinton, Okla.

TWENTY YEARS AGO

Ruth Mudge, '01, and Dr. William W. Dimock were married at the home of the bride's parents in Manhattan. Doctor Dimock was a member of the faculty of the veterinary division of Iowa State college.

John W. Calvin, '06, who had been

ish fleet destroyed by Dewey, was presented to the college by Lieutenant J. T. Hall of Lawrence.

FORTY YEARS AGO

Mr. and Mrs. Vale of Alton visited their daughter at the college.

Professor and Mrs. Morrison entertained the family of Chaplain McCleary of Leavenworth on Thanksgiving day.

Anna Weber of Junction City and her sister, Mrs. L. Green of Los An-

Spiritual Satisfactions in Rural Life

F. D. Farrell in Successful Farming

Beauty certainly is one of the things that most of us want. How do farm people compare with urbanites in ability to satisfy this elemental need? As it relates to physical surroundings, the comparison already has been suggested by the mention of the efforts of city dwellers to reproduce certain features of the countryside around their city homes. The things that city people spend millions to provide in miniature, country people have in full size. They have woods, fields, green pastures, prairies, flowers, hills, mountains, lakes, rivers, the songs of birds.

While most city dwellers have only occasional glimpses of the sky, by day or by night, country people's views of it are limited only by distant horizons. These advantages doubtless help to account for the fact that since 1923 people have been moving from cities to farms in the United States, "going back to live in the country," at a rate exceeding one million a year.

But there are spiritual beauties and other spiritual needs that are no less important than the physical. Certain features of farming and rural life which help to satisfy these needs are important rural recompenses for people who are fitted, temperamentally and technically, to live and to earn a livelihood in the country. One of these is the spiritual, as well as physical, value of wholesome living in the open country. This includes sympathetic association with domestic animals—a potent civilizing influence; vigorous but not hectic physical activity; and the necessity for following fairly regular habits.

This feature of rural life is important not only to rural people but also to the nation as a whole. It helps to provide for the nation a large supply of men and women having sound minds in sound bodies; people who are strong, wholesome, and courageous; people whose outlook is hopeful and kindly; the kind of people who have those personal qualities which help to make life pleasant.

A second important feature is opportunity for solitude. This permits quiet, unhurried reflection and communion with nature, with one's self, and with one's God. Many superficial people regard the solitude of the farm as a liability. Perhaps it is—to superficial people or to people who are temperamentally unable to appreciate rural value. But to most substantial, thoughtful people of initiative and strong character it is a valuable asset.

City life, with its noise, rush, crowding, and artificiality, is exhausting to mind, body, and spirit of most people, especially those who have enjoyed the values of country life. It does not and cannot provide the opportunity for solitude of the kind with which rural people are blessed. Country life no longer enforces solitude—good roads and motor cars have seen to that. It merely affords rich opportunities for solitude.

A third important feature is spiritual satisfaction. This comes to the good farmer because he never doubts that his work is useful to humanity. He knows that his work is not merely useful but indispensable. As Emerson said of the farmer, "He represents the necessities." Undoubtedly one of the greatest satisfactions that can come to a man is to know that his work is important and that he performs it in an excellent way.

Because of the indispensability of the work of rural people, most good farmers are comparatively free from the sense of futility that oppresses many city people. Much of the unhappiness that is notoriously common in city families doubtless results from a lack of the satisfaction that comes from doing things that are obviously useful and important.

employed for the previous year and a half in the institute of animal nutrition, Pennsylvania State college, was elected to an assistantship in the chemistry department at the college.

THIRTY YEARS AGO

Evening classes in shorthand were given three times weekly.

Mrs. Nichols and Mrs. Willard entertained with a party in the dairy barn for the freshmen and sophomores.

The music department, under the direction of Prof. A. B. Brown, furnished the music for the sessions of the North Central Kansas Teachers' association.

A piece of the main mast of Reina Christian, the flag-ship of the Span-

geles, Calif., spent Thanksgiving day with Mr. and Mrs. McCreary.

FIFTY YEARS AGO

The Central Kansas Breeders' association met in the agricultural lecture room.

Miss Ayres, Miss Millikan, John DeTar, and Noah Harvey were initiated into the Alpha Beta society.

Professor Popenoe represented the college at the annual meeting of the state horticultural society which was held at Holton.

Being asked whether it was better to marry or not, Diogenes replied, "Whichever you do, you will repent it." —Socrates.

DEFENCE

Frances M. Frost in the New Yorker

The four tempestuous seasons of the year, which were my downfall, are as little now. As any amber leaf that, from the bough, dropped long ago to death. I have no fear now of high, evening pastures, or the flight of swallows south, or of a scarlet wood; Armored am I against a snowy night; And I would wish it plainly understood That in my citadel of careful reason, I am most secure against the mating season.

SUNFLOWERS

H. W. D.

WHY NOT?

Why hasn't some reformer come forward with an hallucination that what the rapidly decaying American home needs is a written constitution with a battery of 19 or 20 amendments?

America believes in legislation—lots of it. We don't dare form even a burying society without a constitution and by-laws. Yet we have suffered our dearest social institution, the aforementioned American home, to drift on the rock of joy riding, picture show going, country clubbing, and cabaretting without so much as even suspecting it needs a set of basic laws, bound in leather and lost in the attic.

The trouble with family life, as I have viewed it and listened to it from within and without during the death march of the years, is simply that there is no fundamental code in black and white to which a fellow can dramatically point his finger when his territory is encroached upon and his rights invaded. In the old days poor papa, miserable craven, ruled things and how with a booming voice and a club. No statutes were needed. Authority was highly concentrated.

But today that same glorious authority has disintegrated until it almost isn't. The absolute monarch of yore is supreme only when he is getting his own breakfast, and then he has to be mighty careful not to spill anything on the linoleum. Mother is section boss most of her waking hours at home, but that isn't so much. Brother Bill rises in his own right frequently, grabs the car keys, and leaves everybody else marooned and desolate. Sister Mary asserts herself ad libitum, calls in her flapper accomplices, and throws a dancing brawl that would have been stopped by the Society for International Peace in the quiet days before the war.

Nowadays everybody submits because it seems the best thing to do in the long run. Nobody knows just where he stands. No one dares assert his rights, for he knows he will be outvoted three to one in the finals and incidentally make an ass of himself. If there were a constitution to invoke or a by-law to misquote, he might have a show. But as it is he had better go bark at the moon, as Shakespeare once said.

People who are keen at thinking up constitutions for thimble clubs, writers' leagues, and artists' colonies ought to be devoting some of their genius to providing the dwindling American family with something besides chaos to operate under. Whether family government should be, like Gaul, divided into three parts—legislative, executive, and judicial, each one at loggerheads with the other two—is hard to say. But the family should not be given up for gone until the roll has been called, the minutes of the last meeting read, and the subtle procedure of old Mr. Roberts given a trial under the protection of some kind of constitution.

Unless we are careful, sovietism or fascism or other malignant foreign form of carrying on will creep in and democracy will be blighted at its very roots. Already there are indications of nihilism and pandemonium in the sacred abodes of our best people.

If some jackanapes doesn't come forward with a cheap, practical constitution for a small family, guaranteeing every member thereof the right to do as he pleases whenever he darn pleases to do it, we are sunk for sure.

It is impossible to please all the world and one's father.

—LaFontaine.

AMONG THE ALUMNI

Henry A. Avery, '02, is a carpenter and cabinet builder at Long Beach, Calif.

Marie Shields, '28, is teaching home economics in the high school at Effingham.

Theodore Fleck, '29, is a member of the high school faculty at Clafin this year.

Grace L. Lyness, '21, is teaching home economics in the high school at Neodesha.

Elmer R. Auserus, '23, is assistant agronomist at university farm, St. Paul, Minn.

Oren Campbell, '28, is vocational agriculture instructor in the high school at Lincoln.

Helen Green, '27, and Helen A. Blair, '24, are teaching in the high school at Independence.

Ralph H. Sherman, '28, is connected with the Walker Construction company, Hot Springs, Ark.

Robert T. Hill, M. S. '29, is a graduate assistant in the zoology department, University of Iowa, Iowa City.

Wilma Hotchkiss, '27, is clothing instructor in the Ohio Soldiers and Sailors orphans' home at Xenia, Ohio.

Lila Williams, '29, is in Bennett, Miss., where she has charge of the boarding department of Bennett academy.

R. F. Coffey, a 1920 graduate in the division of veterinary medicine and formerly of Eskridge, is now with the Johnson Serum company of Topeka.

Leslie Erickson, '27, and Olive (Manning) Erickson, '27, are now located in Towaco, N. J. Mr. Erickson is with the Bell telephone laboratories, New York City.

Helen Rogler, '26, and Irene Rogler, '29, are managing the kitchen and dining room of the Carey Lake Golf club at Hutchinson. They find the work very interesting.

Nadine Buck, f. s., is attending the University of Wisconsin, Madison. Miss Buck's parents, Con M. Buck, '96 and '98, and Winifred (Houghton) Buck, '97, live in Topeka.

Robert Bonnett, '13, visited the campus last week. Bonnett, who was formerly in the agronomy department at K. S. A. C., is now connected with the Washburn, Wilson Seed company at Moscow, Ida.

Karl W. Niemann, a '26 graduate in agriculture and a '29 graduate in veterinary medicine, and Doris (Tower) Niemann, f. s., are in Reno, Nev. Doctor Niemann is connected with the University of Nevada there.

Ernest Spencer and Helen (Pitcairn) Spencer, '16, are located in Taft, Calif., where Mr. Spencer is a gas engineer with the Lovell Gasoline company. Mrs. Spencer writes that they enjoyed a recent visit from Estella (Barnum) Shelley, of Monrovia, Calif.

Dr. William P. Hayes, '13, a member of the entomology department faculty at K. S. A. C. from 1912 to 1925 and now professor of entomology at Illinois university, was in Manhattan November 13 and 14. He attended the funeral of Prof. J. W. McCulloch November 14.

Carl P. Thompson, '04, and an extension worker at K. S. A. C. from 1915 to 1918, is in the animal husbandry department of Oklahoma A. and M. college, Stillwater. Mr. and Mrs. Thompson and family visited at the home of his father, Robert Thompson, Manhattan, during the latter part of August.

The following K. S. A. C. graduates are enrolled in graduate work at Purdue university, Lafayette, Ind.:

R. R. St. John, '17 and '24; Karl Knaus, '22 and '28; Clifford N. Hinkle, '29; Earl M. Knepp, '26; Leona G. Krehbiel, '26; Laurenz R. Greene, '06.

Dr. H. A. Mills, '27, graduate in the division of veterinary medicine, is with the New Jersey bureau of animal industry, Trenton, N. J. Doctor Mills was a campus visitor the latter part of September.

Eula Mae Currie, '28 and '29, in industrial journalism, is a member of the editorial staff of the Kansas City Star, Kansas City, Mo.

James A. Lupfer, '07, is vice-presi-

dent of the Worthington company of Oklahoma, Tulsa.

J. Stanley Holmberg, '29, is second lieutenant in the aviation department of the United States Marine corps, Marine barracks, Philadelphia, Pa.

MARRIAGES

LAMPE—BROWN

The marriage of Imogene Lampe, f. s., to Kenneth C. Brown, f. s., took place November 16. Mr. and Mrs. Brown will make their home in Kansas City.

HART—TAYLOR

The marriage of Acsa Hart, '27, to Milburn Taylor, graduate of Union college, Barbourville, Ky., took place August 27. They are living at Benham, Ky.

LAPHAM—HAMILTON

The marriage of Blanche Lapham, '27, to Alvin W. Hamilton, '27, of Chicago took place August 25. They are living at 1546 N. LaSalle boulevard, Chicago, Ill.

LOOMIS—SABIN

Louise Loomis, f. s., of Osborne was married to John Robert Sabin, graduate of the University of Kansas, first part of November. They are living in Salina.

BLACK—WHITE

Gladys Black, Hutchinson, and Hugh E. White, '29, Kingsdown, were married August 25. Mr. and Mrs. White are making their home at Kingsdown where they are farming.

STOTTS—HOPKINS

The marriage of Marguerite Marie Stotts, f. s., to John A. Hopkins, jr., took place September 14 at Washington, D. C. After January 1, 1930, Mr. and Mrs. Hopkins will be located at Ames, Iowa.

HOAG—SMITH

The marriage of Lona Gertrude Hoag, '25, Manhattan, and Murray O. Smith of Mankato, took place July 22. They are making their home at Mankato, where Mr. Smith is in business and Mrs. Smith is teaching.

WAGNER—COFFMAN

The marriage of Fae T. Wagner to Ernest B. Coffman, '28, took place August 10. They are making their home in Kansas City, Mo. Mr. Coffman is employed by the United States department of agriculture in Kansas City.

EGELSTON—WAREHAM

The marriage of Elizabeth Egelston, f. s., to Ralph I. Wareham, '27, Manhattan, took place September 1. Mr. and Mrs. Wareham are living at 415 Osage, Manhattan. Mr. Wareham is manager of the Wareham Ice company.

ROUTT—ROEPKE

Juanita Routt, f. s., Paola, and Martin Roepke, '28, Manhattan, were married June 16. Mr. and Mrs. Roepke are at home in Rochester, Minn., where Mr. Roepke is associated with the Mayo Brothers as research chemist.

RABE—SLOANE

The marriage of Helen Rabe, '23, Axtell, to Charles A. Sloane took place November eighth. They are living at Tallahassee, Fla., where Mr. Sloane is managing editor of the Florida State Democrat.

JOHNSON—HINCKLEY

Mary Hannah Johnson, '27, Alta Vista, and William Ward Hinckley, graduate of Kansas university, were married August 25. They are making their home at Kingsdown, where Mr. Hinckley is instructor in the Kingsdown high school.

CLARY—NORRIS

Jessie Clary, '26, and Verne G. Norris of Kansas City, Mo., were married October 27. Mr. Norris attended the United States aviation school at San Antonio, Tex., and is a licensed pilot. Mr. and Mrs. Norris are living at 810 Benton boulevard, Kansas City, Mo.

GRAHAM—SWEET

Helen E. Graham, '27, Manhattan, and Kenneth E. Sweet of South Pasadena, Calif., were married June 12. They are living at 1711 Oxley street, South Pasadena, Calif. Mr. Sweet is a payroll accountant for the California Petroleum company. Mrs. Sweet is a daughter of Prof. E. C. Graham of the shop practice department.

MAKES DIFFERENCE HOW FERTILIZER IS APPLIED

Sowing in Row Instead of Broadcast Gives 6.8 Bushels Greater Yields in Tests

Application of commercial fertilizer in the row at time of seeding wheat increased the yield 6.8 bushels per acre over the yield obtained when the same amount of fertilizer was broadcast over the field, according to F. L. Duley, professor of soils. The result was obtained during a recent study of the comparative value of various methods of applying fertilizer to wheat at the Kansas agricultural experiment station.

The broadcast method of applying fertilizer is the one that has been most commonly used in experimental work in Kansas because it is the most convenient method when handling small test plots, but not, as the above results show, the most profitable method of using fertilizer. To apply fertilizer in the row a special attachment must be used on the wheat drill.

Study of the new method has not been extensive enough to determine conclusively its value under varying soil and climatic conditions within the state, Professor Duley explains. However, the method has been used for many years in the southeastern counties where the application of fertilizer to wheat land is a well established practice.

If further study bears out results of the experiment the method should become a considerable factor in increasing wheat yields and farming profits in certain sections of the state where fertilizers are at present used very little, Professor Duley believes.

SENIOR ELECTRICALS ON ANNUAL INSPECTION TOUR

Will Visit Manufacturing Plants in Kansas City and Other Places

Forty-nine senior electrical engineers left Monday morning for a tour of manufacturing concerns in Kansas City, St. Louis, and Keokuk, Iowa, and other manufacturing centers near these cities. They were accompanied by Prof. R. M. Kerchner and Prof. L. M. Jorgenson. Those making the trip are:

Byron E. Atwood, C. D. Barber, H. J. Besler, Bill Boggess, J. F. Bozick, E. J. Branham, E. H. Bredehoft, J. L. Brubaker, R. E. Brunk, Lester Burton, N. O. Butler, Paul Davis, W. R. Denman, Karl Ernst, M. C. Fleming, R. B. Heckert, P. R. Heinbach, J. W. Ingraham, V. E. Jefferies, J. H. Karr, J. H. Kershaw, Wayne Kimes, L. R. Kirkwood, C. M. Kopf, J. H. Linscott, L. N. Lydick, H. C. Mangelsdorf, W. R. Mitchell, B. D. Neiman, L. J. Owsley, Leslie Paramore, R. C. Paulson, B. R. Prentice, LeRoy Quigley, E. H. Randle, C. D. Richardson, G. E. Richardson, Frank Roth, Jack Sanders, E. H. Schneider, C. A. Schubert, Karl Shaver, Floyd Smith, E. P. Smoot, A. L. Steele, I. R. Stenzel, H. P. Thudin, F. W. Toomey, M. F. Weckel.

E. R. Nichols III

Ernest R. Nichols, president of K. S. A. C. during the decade from 1899 to 1909, is ill at the home of his son Rae, 6800 Jeffery avenue, Chicago, as a result of a stroke of paralysis suffered last spring.

Former President Nichols was unusually successful during his administration in securing appropriations from the state legislature for needed buildings at K. S. A. C. The auditorium, Calvin hall, Denison hall, veterinary hall, chemistry annex No. 2, horticultural hall, and Nichols gymnasium, and the east wing of engineering hall were built, Fairchild hall was enlarged, and chemistry annex No. 1 was rebuilt during his presidency.

Nichols gymnasium was named for former President Nichols by the state board of regents.

FOOTBALL SCHEDULE 1929

VARSITY

Oct. 5—Purdue U 26, Aggies 14.
Oct. 12—Texas A. & M. 19, Aggies 0.
Oct. 19—Kansas U. 0, Aggies 6.
Oct. 26—Oklahoma U. 14, Aggies 13.
Nov. 2—Missouri U. 6, Aggies 7.
Nov. 9—Iowa State 2, Aggies 3.
Nov. 23—Nebraska U. 10, Aggies 6.
Nov. 28—Marquette U. 25, Aggies 6.

FRESHMEN

Nov. 9—Kansas U. 39, Aggies 7.
Nov. 16—Creighton U. 0, Aggies 12.

Well, Well? Well!

Fanny (Vaughn) Davis, '91 and '99, 1714 Villa place, Nashville, Tenn., writes regarding this question about Lovers' Lane and why it is so named: "I think if you will translate that into modern language and call it 'Petters' Pathway' the trouble will clear up instantly. The only point is, anyway, that the young folks are just trying to get the old folks to tell all they know!"

KSAC AND WIBW NOW DIVIDE TIME ON AIR

Educational Program of College and Capper Station Operate on 580 Kilocycle Wave

Beginning last Sunday, December 1, KSAC, the radio broadcasting station of the Kansas State Agricultural college, shares time with station WIBW, owned and operated by the Capper publications at Topeka. The change has been made to serve public interest and convenience, according to L. L. Longsdorf, KSAC program director, who announced the change here.

Under the new arrangement the present KSAC broadcasting schedule will not be altered. The college station is on the air three and one-half hours a day, disseminating news and information pertaining to agriculture, home economics, engineering, and general science. With the new ruling goes into effect the 580 kilocycle wave shared by WIBW and KSAC, offering a continuous program to the radio world. Time not utilized by KSAC will be used by the Topeka station.

With the exception of broadcasting special programs, such as athletic events, the schedule calls for programs daily, except Saturday and Sunday, from 8 to 9 a. m.; 10 to 10:30 a. m.; 12:30 to 1:30 p. m.; 4:30 to 5:30 p. m.; Saturday, 8 to 9 a. m.; and 12:30 to 1:30 p. m. There will be no Sunday broadcasts from the station. For the last year the college station has been sharing time with station WSUI, University of Iowa, Iowa City.

Kansas Citizens Meet

Seventy-five Kansas City Aggies attended the alumni banquet held at the Ambassador hotel Wednesday evening, November 20. The banquet concluded Kansas day at the American Royal for many visiting Aggies.

The K. S. A. C. band, after playing at the American Royal during the afternoon, was present to help pep things up during the banquet. Following the dinner a short program was enjoyed with Mrs. Ella Stinson-Wasson, '20, vice-president of the Kansas City Alumni association, in charge. Charles W. Corsaut, head basketball and baseball coach at K. S. A. C., and Dr. C. W. McCampbell, head of the animal husbandry department, spoke.

A short business meeting followed with election of officers for the ensuing year. W. W. Trego, '24, 3630 Bellefontaine avenue, was elected president; C. C. McPherson, f. s., 4220 Harrison street, vice-president; and Madeline (Baird) Paterson, '14, 3521 Central avenue, secretary-treasurer.

The next meeting date of the Kansas City alumni was set for Wednesday evening, January 29, 1930.

Arkansans Elect

Seven Arkansas Aggies met at the Albert Pike hotel, Little Rock, Ark., November 13. A dozen or so regrets were received from alumni who could not attend. Clytie Ross, '16, of Searcy, was elected president of the Arkansas K. S. A. C. alumni association, and Marcia Tillman, '16, Little Rock, secretary.

Those present were: Mr. and Mrs. Guy McCarthy, W. R. Curry, '14, and Minnie (Pence) Curry, '14, and daughters Mary Lorene and Lillian, of England; Mrs. Ida A. Fenton; Marcia Tillman, '16, Little Rock, and Clytie Ross, '16, of Searcy. They had a fine time and plan to have another party soon at the home of Mr. and Mrs. Guy McCarthy.

Big Six Scores

NOVEMBER 23

K-Aggies 5, Nebraska 10.
Kansas U. 0, Missouri 7.
Oklahoma U. 7, Oklahoma Ag. 7.

NOVEMBER 28

K-Aggies 6, Marquette 25.
Missouri 13, Oklahoma 0.

John M. Moore, '22, is engaged in farming at Hill City.

SIX GAMES SCHEDULED FOR 1929 GRID SEASON

West Virginia Trip First K-Aggie Appearance in East—Two Home Combats to be Arranged

Six football games have been scheduled for 1930 and two more, both home affairs, remain to be arranged, according to M. F. Ahearn, director of athletics. The Kansas Aggies will make their first eastern appearance next fall, playing West Virginia university at Morgantown on November 8.

Since the Wildcats had three conference games at home this year, only two are available for the 1930 season. These are both feature games, Kansas university and Missouri university being the opponents.

The annual game with Nebraska at Lincoln, previously set for the Saturday before Thanksgiving, has been changed to November 27, Thanksgiving day, on request of H. D. Gish, director of athletics at Nebraska.

The schedule thus far:

Oct. 18—Kansas U. at Manhattan.
Oct. 25—Oklahoma at Norman.
Nov. 1—Missouri at Manhattan.
Nov. 8—West Virginia at Morgantown.
Nov. 15—Iowa State at Ames.
Nov. 27—Nebraska at Lincoln.

OKLAHOMA HARRIERS WIN, CONFERENCE RECORD BROKEN

Kansas Aggies Third in Big Six Cross Country

Tossing all previous performances into the discard, the Oklahoma university cross country team won the Big Six cross country race at Lincoln, Neb., last Thursday with a score of 44. Kansas university was second with 60, and Kansas Aggies third with 73. Iowa State, Nebraska, and Missouri were fourth, fifth, and sixth.

Dawson of Oklahoma nosed out Ray Putnam, great Iowa State runner, in the last 20 yards to set a new conference record of 23 minutes, 57 seconds. Putnam won the race last year.

The Oklahoma team was third in a triangular race with the Kansas Aggies and Oklahoma Aggies at Manhattan October 26, and Captain H. S. Miller of the K-Aggies defeated Dawson, the conference individual champion. Moore of Oklahoma was third in Thursday's race, with O. L. Toadvine, Dighton, K-Aggie runner, fourth.

Captain Miller of the Aggies, who has been suffering with stomach trouble for nearly three weeks, was eighth in the Thursday race, and K. L. Backus, Olathe, thirteenth.

Likes New Mexico

Eula Morris, '29, who is in charge of vocational home economics in the high school at Des Moines, N. M., writes:

"The life of a school teacher is certainly a busy and a happy one. Manhattan seems so far away and I miss the campus activities so much. A small New Mexico town would soon be monotonous were it not for the mountains and other places of interest.

"Just out from Des Moines we have Sierra Grande mountain, claimed to be the largest single mountain in the United States. It is more than 45 miles around its base. To the west of Des Moines about 10 miles is Mount Capulin, the most perfect volcanic crater in existence. Raton Pass, so well known in southwest history, is about 50 miles from Des Moines. The drive through the pass is certainly one to be remembered.

"The main crop of the farms here is beans—the famous Mexican or pinto beans. Turkeys are also quite abundant.

"During the deer season I had the pleasure of feasting on venison for a week. No beef put out by the K. S. A. C. meats departments was ever as tender as that venison."

Professor Dickens Better

Friends of Prof. Albert Dickens will be pleased to learn that his health is gradually improving under the treatment he is receiving at Albuquerque. Mrs. Dickens reports that the attending physician has definitely assured Professor Dickens of the probability of recovery. Professor Dickens' address is 102 Columbia street, Albuquerque, N. M.

C. L. Butler, '29, a graduate of the veterinary division, is with the New Jersey bureau of animal industry, Trenton, N. J.

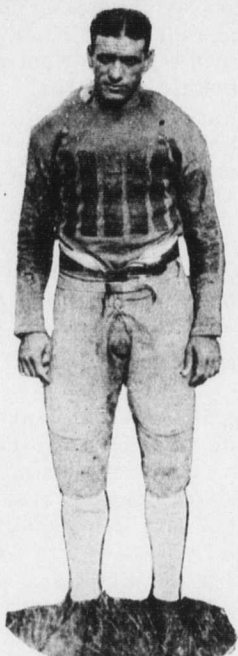
ALEX NIGRO CAPTAIN OF 1930 WILDCATS

FOOTBALL MEN ELECT HALFBACK
TO LEAD IN NEXT CAMPAIGN

Lee Toadvine New Cross Country Captain—Lisle Smelser Heads Freshmen—Choices Announced at Annual Banquet Tuesday Night

Captaincy of the 1930 Kansas Aggie football team was voted to Alex Nigro of Kansas City, Mo., by the 1929 letter men, who held an election preceding the annual football banquet Tuesday night. Nigro has been an outstanding Aggie halfback for the past two years. He is a junior in the curriculum in physical education.

Last year Nigro made letters as a sophomore in football, basketball, and baseball, being a regular mem-



Alex Nigro

ber of each team. He succeeds A. H. Freeman of Hoxie as team captain.

O. L. Toadvine of Dighton was elected captain of the 1930 cross country team at the banquet. Toadvine is a sophomore in agricultural administration, and will have two more years with the Aggie track and cross country teams. He succeeds H. S. Miller of Kansas City. Toadvine was fourth in the Big Six cross country race at Lincoln, Neb., on Thanksgiving day.

Another captain introduced at the banquet was Lisle Smelser of Manhattan, who was elected head of the freshman football team some time ago.

Though injuries kept him out of two games during the season, Nigro was mentioned prominently in various all star selections at the end of the season. He is exceptional both at catching and throwing forward passes, is a shifty runner in the open field, and a power on defense.

WAR BOOKS REVIEWED IN ENGLISH LECTURE

A. W. Breeden Discusses "All Quiet" and "A Man Could Stand Up," as Significant Portrayals

"Art and Conflicts" was the subject of the English department talk given last night by A. W. Breeden, associate professor of English, in Recreation center. Breeden reviewed two recent war books—"All Quiet on the Western Front," by Erich Maria Remarque, and "A Man Could Stand Up," by Ford Madox Ford.

"All quiet on the Western Front" is written in the form of a diary, giving the life of a young German soldier during the World war. It contains the experiences of the author and five of his fellow school boys from a pretty little mountain town in south Germany, how they went to war, the acquaintances which they made, and all of the things which they were forced to go through.

"It is quite a wonderful book," said the speaker. "Wonderful in its simplicity, its directness, and its truthfulness. Indeed, I am proud to be able to review the story of a man who lived through that fight, lived through the awful happenings which he endured, and was still able to retain his ideals."

Remarque, who wrote the above book last year, is a German, 31 years of age. At 18 he went into the army, and by the time the armistice was signed, his mother was dead, and all of his friends had been killed.

"A novel must touch universal experiences," continued Mr. Breeden. "Our World war novels so far have

not been universal. It took a million men to experience the war. No one man could experience it—he could only experience one phase of it. Remarque has been very successful in giving the world as big a phase of it as he has."

It has been said that war taught nations the value of service; taught men to die for an ideal; taught men to appreciate the comradeship of other men. Mr. Breeden, who was in France during the war, said that he found no proof of the first two statements. There was no group, not even the Red Cross, wholly and unreservedly dedicated to service, and as for men dying for their ideals—he found only a terrible stoicism and lack of feeling on the part of the French. But to show that the battlefield did make for beautiful friendships, Mr. Breeden read several incidents from the two books which he reviewed.

The other book, "A Man Could Stand Up," according to Mr. Breeden, does not strike so deep, nor ring so true as the other. But it is a work of art. This book is a sequel to an earlier work, "No More Parades." The book is written as a three-act comedy; its scene is in London during the armistice day celebration.

"The poetry of this book is truly beautiful. It is a tender book—the tenderness and beauty of youth. The cry of the boy who didn't want to die, but wanted to live out his life," concluded Mr. Breeden.

That they may have a little peace, even the best dogs are compelled to snarl occasionally.

AGGIES WIN POSITIONS ON ALL-STAR ELEVEN

TACKWELL AND BAUMAN OUT-
STANDING BIG SIX LINEMEN

Wildcat Players Selected for Mention as Outstanding by Many Midwest Sports Writers at End of Season

With the football season at an end, various sports writers and organizations in this section of the country have indulged in the usual sport of picking all star teams.

Kansas Aggie representatives on some of the teams are listed below:

ALL BIG SIX

Kansas City Star—first team, K. C. Bauman, guard; C. O. Tackwell, tackle. Second team, George Wiggins, fullback. Third team, H. O. Cronkite, end; Alex Nigro, halfback.

Associated Press—first team, C. O. Tackwell, tackle; K. C. Bauman, guard. Second team, Will Towler, end; Alex Nigro, quarterback; George Wiggins, halfback.

Kansas City Journal-Post—first team, George Wiggins, quarterback; C. O. Tackwell, guard. Second team, K. C. Bauman, guard; Alex Nigro, halfback. Honorable mention, Price Swartz, end; H. O. Cronkite and A. H. Freeman, tackles; Laurence Norton, center.

Omaha (Neb.) World-Herald—first team, K. C. Bauman, guard. Second team, Will Towler, end; Alex Nigro, halfback. Honorable mention, Price Swartz, end; H. O. Cronkite and C. O. Tackwell, tackles; Laurence Norton, center; George Wiggins, halfback; Raymond McMillin, quarterback.

ALL KANSAS

Topeka Daily Capital (Leslie Edmonds)—First team, K. C. Bauman, guard; George Wiggins, halfback. Second team, H. O. Cronkite, end. Third team, C. O. Tackwell, tackle; Ray McMillin, quarterback. Honorable mention, A. H. Freeman, tackle.

PROGRESS OF KANSAS PRESS

F. E. C.

The Dodge City Journal, published by Fred Sailors, carries a very great deal of farm and home material, which must be in accord with the present rapid agricultural development in southwestern Kansas. For that matter, good news and feature stories about farmers near at hand always go over well.

The LeCompton Sun isn't a big newspaper but not many Kansas weeklies present a neater appearance than the Sun. Look it over and you'll see that a good grade of white paper, well set ads pyramided, and news items arranged according to size help the paper's appearance. Lisle McElhinney is editor, Anna V. Baughman, associate editor.

Many Kansas newspapers help cover the news by using a high school column written by students but in Jas. E. Dancy's Grenola Gazette a full page is given to the high school and instead of running the material in the regular six column style, four columns of 19 em measure are used without column rules. It sets the page off from the rest of the newspaper.

Up at Republic City, Editor Grafton Nutter of the News is responsible for calling together business and professional men of the town for a lunch and business meeting relative to staging a "trade day." The object of the trade day, according to Nutter, is "to promote trade to Republic, to sponsor civic improvement, and to do whatever advisable for the good of the community."

Always an interesting writer, Mrs. Ben Mickel is the author of an unusually appropriate and equally fascinating column in last week's Soldier Clipper. It was her pleasure this year to visit Plymouth Rock and the scenes of the first Thanksgiving in America along the shores of Cape Cod and Plymouth harbor. Her recollections of this visit with accurate historical data were timely last week.

A fine pictorial issue of The Earth, published by the Atchison, Topeka, and Santa Fe Railway company for December, ought to be studied by every Kansas editor. Most of us who live in Sunny Kansas are boosters for the state but the double-page spread of Kansas pictures in The Earth impresses one with diversity of Kansas' crops and the generosity of her soil. And to study pictures of other states in the same issue makes one realize that Kansas must be up-and-coming to hold her own agriculturally.

Right now a good story for any county paper is one dealing with taxes. The story will be timely be-

cause county clerks have turned the tax rolls over to the treasurers and taxes are due and payable. If a record is reached in the tax rolls, as occurred in Harvey county, that is a story, and the Newton Kansan editor knew it. His story says the tax rolls of the county went over a million dollars this year for the first time. Other details that help the story are figures for last year and other years at intervals, total valuation for the county, the tax rates in various towns, how special assessments operate, how the valuations are divided between classes of property, and the various funds the tax money goes into.

And Rolland Jacquart's Sublette Monitor is a rattling good newspaper for a small town. Sublette is the county seat of Haskell county and the latest census lists its population at 283. Allowing a normal increase in the size of the town since the census and considering that Jacquart gets out an eight page all home print paper, you'll observe it's a good sheet for a small town. It's easy to say a newspaper is a "good" one. Study of the Monitor shows that the news is in it. There are lots of short items of local interest, the paper carries many ads which are the same as news to readers, there is an editorial column, there is local high school news, and numerous items from all over the southwest. These things in proper proportions make a "good" newspaper.

Commenting on western Kansas' newest dailies—The Hays Daily News, the Liberal News, and the Garden City Telegram—the editor of the Satanta Chief says some pertinent things about Kansas journalism and reminds his readers that the press is going forward, not backward. Editor Jacquart says in part:

This progress in the daily field reminds us of the remarkable forward steps of the newspaper business which has ceased to be a plaything of town boomers and politicians and now prospers on a firm foundation of true service. A newspaper that is subsidized by aspiring politicians, as old timers can remember was once the case, has no right to exist and probably does not exist in western Kansas. If there were such a subsidized newspaper in a promising field some sincere publisher soon would begin serving the community with a bona fide newspaper, playing no favorites, reporting all the news, ignoring prejudices, and the fluke newspaper would soon perish of ineffectiveness.

And another excerpt from the editorial:

No longer are front pages splattered with editorials ranting at the half of the town with which the editor is not in sympathy. Instead there are columns of legitimate news. The knowing editor screens himself as much as possible excepting on his editorial page. He cannot afford to express opinions in reporting news. He cannot afford to print this and leave out that because a friend has asked. He must serve all the people. Otherwise he will lose self respect. It is often difficult, but it is the only course.

They Need Aid



Proceeds from the annual "Cosmo-Ditties" entertainment given in the college auditorium December 13 will go to the support of Kiril Pop Nickoloff, Bulgarian student who is ill in the state tuberculosis sanitarium at Norton, and to his wife and son, who are in the old country, desperately in need of assistance.

BASKETBALL SEASON OPENS DECEMBER 18

Seventeen of 18 Allowed Games Scheduled—Play Two Games With Colorado College, Champs of Rockies

With 15 games officially scheduled and two more on the tentative list, only one more basketball game remains to be arranged for completion of the 1929 Kansas Aggie list. Eight of the 17 games listed thus far are at home, and nine away from home. The usual 10 games will be played in the Big Six conference, five at home and five away from home.

Haskell, St. Louis university, and the Oklahoma Aggies are the other home opponents scheduled. Away from home the team is to meet Colorado college, twice champions of the Rocky Mountain conference, in two games at Colorado Springs, meet Haskell at Lawrence, and St. Marys at St. Marys.

The two games scheduled with Haskell are only tentative, and hinge upon some agreement being reached with Haskell as to eligibility requirements to be observed by the Indian school.

Competition in the Big Six on the court is expected to be both as close and as hard as on the gridiron. Missouri, Kansas U., Nebraska, Oklahoma, and the Kansas Aggies hold over almost intact. Iowa State has lost Welch, star forward and one of the best shots in the conference, but Coach Menze has several good sophomores.

Oklahoma, winners last year, and Missouri, the runners-up, are the logical pace-setters for the coming season, but it is quite possible that either or both may be far down among the also rans when the season is ended. Nebraska, Kansas university, and K. S. A. C. all have fine sophomore material to supplement returning letter men.

For the first time since Coach Corsaut has been at Manhattan he has height, weight, ability, and experience in abundance to work with. His sophomore material may not be able to snatch the conference crown this year, but should make the Wildcats strong contenders for at least three years to come.

The home and home arrangement with the Haskell Indians will give Manhattan basketball followers an opportunity to see Louis Weller, Haskell football star and said to be one of the greatest dribblers in basketball, in action on the court.

The schedule as arranged:

Dec. 18—St. Marys at St. Marys.
Dec. 20—Kansas Wesleyan at Salina.
Dec. 31—Haskell at Lawrence (tentative).
Jan. 3—Colorado college at Colorado Springs.
Jan. 4—Colorado college at Colorado Springs.
Jan. 7—Haskell at Manhattan (tentative).
Jan. 10—Nebraska at Manhattan.
Jan. 13—Missouri at Columbia.
Jan. 17—Oklahoma A. & M. at Manhattan.
Jan. 21—Oklahoma U. at Manhattan.
Jan. 31—Iowa State at Ames.
Feb. 1—Nebraska at Lincoln.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

It is the customary fate of new truths to begin as heresies and to end as superstitions.

COACHES SUBMIT 23 FOR GRIDIRON AWARDS

LIST OF K MEN TO BE ANNOUNCED
AT ANNUAL BANQUET

Thirty-four Freshmen, Recommended for Numerals and Sweaters, Must Comply with Grade Rules Before Receiving Honors

Names of 23 Kansas Aggie varsity football squad members were submitted to the college athletic council by Head Coach A. N. McMillin and M. F. Ahern, director of athletics, and the approved list of letter men was to be announced at the annual squad banquet given by the chamber of commerce last night. Dr. H. H. King, chairman of the faculty committee on athletics, was to be toastmaster at the banquet and Bo McMillin the principal speaker.

Thirty-four members of the freshman football squad also were on the list submitted to the athletic council for action. If approved, the winners of freshman numerals also must comply with scholastic requirements at the end of the semester before receiving their numerals and sweaters.

Lisle Smelser of Manhattan, a linesman, has been chosen as captain of the freshman team.

The entire varsity football squad; the freshmen approved by the athletic board; the cross country team, and the Manhattan high school football squad will be guests at the banquet, together with the coaching staff of both college and high school. A 1929 captain will be chosen.

Varsity men recommended for letters:

E. L. Auker, Norcatur, half; K. C. Bauman, Salina, guard; Henry Cronkite, Belle Plaine, end and tackle; W. W. Daniels, Luray, end; Hugh Errington, Ruleton, guard; Marion Evans, Gove City, quarter; Lud Fiser, Mahaska, half; A. H. Freeman, Hoxie, tackle; Adolph Hrab, East St. Louis, Ill., guard; William Meissinger, Abilene, half; Al Meyers, Merriam, center.

Ray McMillin, Fort Worth, Tex., quarterback; Alex Nigro, Kansas City, Mo., half; Laurence Norton, Cimarron, center; Frank Prentup, Fort Riley, quarter; Alvin Stephenson, Clements, guard; Price Swartz, Everest, end; C. O. Tackwell, Manhattan, tackle; Al Tucker, Ottawa, tackle; William Towler, end, Topeka; Harold Weller, half, Olathe; George Wiggins, fullback, Lyons; James Yeager, guard, Bazaar.

Freshmen recommended to the athletic council by Coaches Ward Haylett and Owen Cochrane:

D. C. Barnett, end, Goodland; Don Beach, end, Chanute; Franklin Cain, half, Chanute; B. J. Deters, quarter, Downs; Lloyd Dalton, tackle, Fort Scott; E. C. Daniels, center, Westfall; O. H. Dilsaver, tackle, Kensington; R. E. Eberle, tackle, Emporia; Jack Going, half, Topeka; Robert Gump, guard, Abilene; Glen Harsh, half, Oil Hill; Robert Helming, full, Ames, Iowa; H. L. Hasler, half, Oil Hill; John C. Hofess, full, Mexico, Mo.

Joel Kessler, end, Overbrook; Robert Lang, half, Denver, Colo.; Roger Lang, half, Denver, Colo.; N. C. Lewis, Topeka, half; Ralph E. Marken, guard, Topeka; Lee F. Morgan, end, Hugoton; Earl F. Morrison, end, Colby; Lloyd Michael, center, Lawrence; Alton Ryan, half, Chillicothe, Tex.; John Reyer, tackle, Parsons; A. A. Reichert, half, Silver Lake; C. R. Socolofsky, end, Tampa; Lloyd Schulze, tackle, Norton; Russell Smith, quarter, Manhattan; Lisle Smelser, guard, Manhattan; O. L. Snyder, guard, Salina; Kendall Walker, full, Glen Elder; C. L. Woodward, center, Waterville; James Woodward, quarter, Waterville; Walter Zeckser, full, Alma.

POULTRY JUDGES LEAVE TODAY FOR BIG CONTEST

Team, Coached by Prof. H. M. Scott, Has Girl Member

Four Kansas State Agricultural college students who compose the 1929 poultry judging team left Manhattan today to compete in the mid-west intercollegiate poultry judging contest to be held at the Coliseum Poultry show in Chicago, December 7. Members of the team, coached by Prof. H. M. Scott of the poultry department, are Edith Bockenstette, Sabetha; E. M. Leary, Lawrence; Mark Taylor, Harveyville; and R. Phillips, Jr., Joplin, Mo.

Their trip to Chicago will give the team members an opportunity to see the Coliseum show and the International Livestock exposition. They will also have an opportunity to study numerous commercial enterprises such as creameries, retail stores, terminal markets, poultry exchanges, and cold storage warehouses. During their stay in Chicago they will be luncheon guests of the Sherman hotel.

Big Six Meeting Coming

The annual meeting of the Big Six conference will be at Kansas City, Mo., December 6 and 7. Faculty representatives, coaches, and directors of athletics will have separate meetings.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, December 11, 1929

Number 12

COLLEGE FALLACIES DISCUSSED BY DAVIS

ENGLISH DEPARTMENT HEAD PHI
KAPPA PHI CHAPEL SPEAKER

Scholarship Diplomas to 22 New Mem-
bers of Organization—Recognition
Certificates Awarded to 114
Students of 1932 Class

Recognition of outstanding students and a talk on "Collegiate Fallacies" by Prof. H. W. Davis, head of the English department, featured the annual Phi Kappa Phi recognition services held in the auditorium on Friday, December 6.

Scholarship diplomas were presented by Dean L. E. Call, president of the local Phi Kappa Phi chapter, to 22 seniors recently elected to membership in the national scholastic organization. Recognition certificates were presented 113 members of last year's freshman class who were among the upper 10 per cent in scholarship.

DISCUSSES 'GANGS'

As a prelude to his address, Professor Davis discussed "gangs."

"When you get in a new gang, you immediately hear the voice of the gang," he said. "In a very short time you are being molded into a new type, the type of the gang. The voice of the Kansas Aggie gang is just as strong as any other. Already you've changed your mind about certain things that you were very sure of back home. But also remember that the gang pays no damages, if you go wrong."

After discussing the peculiar traditions, beliefs, actions, and mistakes peculiar to every "gang," Professor Davis went on to discuss those especially applicable to colleges—the collegiate fallacies.

Singling out four such fallacies for discussion, he said, "They are pleasant ideas. They promise relief from hard work, monotony, drudgery, persistence, and other unpleasant things. They promise much but never deliver a thing—no one checks up on them until it is too late."

"First among the fallacies is the old saying that activities are just as important as study. This is merely an assertion. No one ever tries to prove it. In fact, anyone looking over a college campus would naturally believe that it was really a place intended for study, with its library, its class rooms, its laboratories. Night club and country club features have been with us only a short time, and are really not to be included yet."

"I can't believe that activities are really as important. No one is willing to assume responsibility for the 'activities' curriculum. This fallacy is always interpreted as 'activities are more important than study' when one wants to sleep. Why not correct it to read, 'get all you can out of your chosen curriculum.'"

THE PROFESSOR FALLACY

"The second fallacy has to do with professors."

"There are certain kinds approved by the gang. The best are those who are 'interesting, charming, and reasonable.'"

"The hope of getting that kind all the time is very, very frail," warned Professor Davis. "They should be taken as they come. They should differ from one another. Much about human nature can be learned from them. Some will be hard, some easy, some pleasant, some sour, some ugly, some even passable. Why, not even the person you marry is going to be interesting, charming, and reasonable all of the time!"

Third among the fallacies was listed that of effortless absorption—the class room fallacy.

"All of us recognize the student who comes languidly into the class room, sinks comfortably into a chair, and invites culture or knowledge, or whatever he is supposed to get from the course, to come on and ooze gently into his pores."

"Compare that spirit to the smartness and aggressiveness of our football team," said Professor Davis.

"Why not have some 'going in' for chemistry, English, history, mathematics, agriculture, and engineering?"

NO EASY LIFE AHEAD

"Why not take the spirit of wanting to do things right into the class room?"

Fourth among the fallacies was listed the one of "college paving the way for an easier life."

"This is an unworthy ideal," the speaker declared. "There is no need to prepare for an easier life. To me, college is a sort of intellectual toughening ground. Talk to anyone out of college for several years, and see if he doesn't think you're having an easy time in college."

"College is only the early season practice for the big game."

"There would be big things ahead for K. S. A. C. if it could put the Aggie football type of fighting into all college life."

The 22 new members of Phi Kappa Phi are:

Agriculture—R. W. O'Hara, Blue Mound; J. J. Curtis, Toronto; L. P. Keltz, Belle Plaine.

Engineering—G. C. Nonken, Manhattan; F. M. Adair, Frontenac; J. L. Brubaker, Manhattan; G. E. Richardson, Pittsburg; Irving Stenzel, Marion; Claborn O. Little, Manhattan.

General science—K. D. Benne, Washington; R. A. Bell, Beverly; R. T. Greep, Longford; I. E. Snyder, Osborne; Fern Doris Barr, Manhattan; Mary Elleen Roberts, Manhattan; W. J. Schultis, Sylvan Grove.

Home economics—Margaret Hamilton Greep, Longford; Louise Eleanor Reed, Holton; Vivian Jessie Abell, Riley; Florence Lavina Harold, Dresden; Gladys Ethel Meyer Benne, Washington.

Veterinary medicine—T. J. Leasure, Solomon.

The students now sophomores who achieved Phi Kappa Phi freshman honors are:

Division of agriculture—L. H. Albin, Norcat; J. R. Bentley, Ford; R. B. Cathcart, Winchester; L. W. Christal, Kansas City, Mo.; Sterle E. Dale, Protection; George A. Gillespie, Wilton; Harold A. Goff, Manhattan; Luther A. Jacobson, Horton; Paul L. Jameson, Garrison; George R. Kent, Wakarusa; John R. Latta, Holton; Eugene B. Mangelsdorf, Hutchinson; Leonard H. Montgomery, Neodesha; Will M. Myers, Bancroft; Charles W. Manheim, Hoyt; Leland M. Sloan, Leavenworth; Elvis E. Steele, Amoret, Mo.; Clinton Tomson, Wakarusa.

Division of general science—Tina M. Bailey, Hutchinson; Oma L. Bishop, Abilene; Elmer C. Black, Uden; Barbara Brubaker, Manhattan; A. Maxine Cole, Norton; Lucile M. Correll, Manhattan; Mary J. Cortelyou, Manhattan; Leona M. Dean, Manhattan; Anna M. Edwards, Athol; Loren W. Elliott, Bennington; Elizabeth G. Eustace, Wakefield; Verona A. Fark, Greensburg; Alice L. Fincham, Pratt; Wynona M. Florence, Manhattan; Evelyn Garcke, Dighton; Grace Gould, Beloit; Dorothy B. Gudgell, Edmond; Adelaide Hutter, Cherryvale; Rachel J. Lamprecht, Manhattan; Howard K. Learned, Plevna; Loretta I. McCormick, Plainsville; Wilbur McDaniel, Michigan Valley; Vera J. Miles, Jewell; Grace S. Morehouse, Irving; Mary V. Nickels, Manhattan; Freda M. Nixon, Topeka; Robert E. Pfuetze, Manhattan; Dale F. Pocock, Atlanta; Frank G. Richard, Topeka; Clyde E. Row, Larned; Forrest L. Schooley, Hutchinson; Phyllis F. Shultice, Frank L. Smith, Manhattan; Edna M. Socolofsky, Tampa; Lewis W. Teall, Larned; Ruth Thomas, Baxter Springs; Edith C. Thummel, Ft. Leavenworth; Corabette Tolin, Havensville; Ernest J. Underwood, Topeka; Robert J. Wilson, Manhattan; Iva May Zimmerman, Simpson.

Division of engineering—Harold V. Carlson, Utica; Carl J. Chappell, Republic; Dale E. Crangle, Manhattan; Gerald M. Donahue, Oden; James P. Dunn, Liberal; Max L. Eaton, Colby; Ethel A. Eberhart, Topeka; Kale M. Fones, Kansas City, Mo.; Robert F. Glore, Kansas City; Paul A. Haas, Kansas City; Lester T. Hagadorn, Manhattan; William Hall, Lindsay; Raymond K. Hoefener, Leavenworth; Lloyd W. Hurlbut, Sylvan Grove; Elmer R. Jensen, Herington; Roland J. Johnson, Marysville; Vern W. Johnson, Salina.

Norbert Julius Klinge, Topeka; Philip O. Lantz, Newton; Gilbert V. Laudemann, Anthony; James A. McBride, Seneca; Benjamin E. Markley, Bennington; Frank S. Martin, Manhattan; Albert R. Miller, Centralia; Paul C. Perry, Little River; Kenneth D. Phelps, Pratt; Carl J. Riggs, Clayton; Kirk W. Root, Topeka; John S. Shafer, Del Norte, Colo.; Virgil W. Siebert, Pretty Prairie; Kelson W. Slaughter, Manhattan; Vernell E. Thurston, Delphos; William N. Tomlinson, Erie; Delbert W. Turner, Holton; Sydney F. Weybrew, Wamego; George F. Wiley, Chanute.

Division of home economics—Martha P. Betz, Enterprise; Elizabeth D. Butrum, Holton; Izola M. Dutton, Manhattan; Winifred L. Johnson, Frankfort; Clara B. King, Delphos; Minnie M. Laue, Lyndon; Lyla S. Roepke, Manhattan; Mary E. Sayre, Manhattan; Emma F. Shepek, Narka; Daphne V. Smith, Hamlin; Grace E. Speers, Agency; Helen T. Telchgraber, Marquette; Irene L. Todd, Topeka; Catherine E. Zink, Lincoln.

Division of veterinary medicine—Lloyd E. Boley, Topeka; Paul J. Brandley, Manhattan; Virgil H. Clark, Webster; Oliver E. Flory, Great Bend.

The first lights to warn ships at sea were of burning wood.

COLLEGE MAINTAINS RECORD AT CHICAGO

STUDENTS PLACE HIGH AND STOCK
AMONG BEST

K. S. A. C. Standard Takes Money as
Grand Champion in Barrow Show—
Get First On Grade and
Crossbred Lambs

In various fields of competition the Kansas State Agricultural college maintained at the International Livestock exposition, Chicago, the splendid record set at the American Royal in Kansas City previous to the International show. In an effort to report winnings of the college in the earliest possible issue of THE INDUSTRIALIST statistics on K. S. A. C. winnings, based on a press telegram from Chicago were used in last week's issue and some of the reports later proved to be erroneous.

It was stated that the K. S. A. C. stock judging team, coached by Prof. F. W. Bell, had placed twenty-first in judging cattle when in fact the Kansas team ranked twelfth in this particular department, the team taking a sixth place in competition with 21 teams in the contest.

Other important winnings which placed the Kansas State Agricultural college at the forefront in the show are given in the following paragraphs.

GIRL JUDGERS ENTERED

Since no girls' meats judging contest is sponsored at Chicago the K. S. A. C. girls' team which won at Kansas City was entered in the men's meats judging contest, and though the Kansas girls had not had some of the work upon which men's judging contests are based, they placed fourth among teams representing 10 colleges and universities. The meats judging teams are coached by Prof. D. L. Mackintosh.

It was K. S. A. C. Standard, a Berkshire barrow, that won for the college and Kansas a premier honor. This barrow swept clean the grand championship prize money in the fat swine division of the 1929 International exposition. First in the ring of 15 head in the heavyweight class for purebred Berkshire barrows farrowed after September, 1928, this barrow furnished the feature of the show.

Eight splendid individuals representing the eight common breeds of swine in the United States were driven before Judge H. W. Vaughan, head of the animal husbandry department of the Montana Agricultural college. His choice for the grand championship finally settled on the K. S. A. C. entry in preference to a Poland China barrow shown by the University of Wisconsin.

A PAIR OF WINNERS

K. S. A. C. Standard weighed 540 pounds and won because of his size, finish, perfect top and bottom lines, straight sides, and wide back. He was bred by Beardwell and Feeny of Wakeeney and was sent to the college last June. A brother of this animal, shown also by the college, was champion barrow at the American Royal this fall.

"It seems that the outstanding thing about these animals was their ability to develop into champions without coddling or extra attention," Prof. C. E. Aubel, in charge of hog breeding and feeding investigations at the college, said. "It is true, of course, that just the right kind of fitting and showing helped put them across to their final triumph, but after all, the science of breeding and mating blood lines made it possible for the feeding, fitting, and showing to be applied in just the exact proportions for success."

Other important barrow winnings include third on Berkshire barrows 250 to 350 pounds; first on Berkshire barrows 350 pounds and over; second on pen of Berkshire barrows 350 pounds or over; second on pen Poland China barrows 250 to 350 pounds; first and third on spotted Poland China barrow 250 to 350 pounds; first on pen of Spotted Poland China barrows 250 to 350

pounds; third in light carcasses and fourth in heavyweight carcasses.

WIN MANY SHEEP PRIZES

The next highest and most important honor won by K. S. A. C. livestock was first in the class for grade and crossbred lambs. This is always one of the largest classes in the entire sheep show. The lamb winning first in this class for K. S. A. C. was later made reserve champion crossbred wether of the show. Other important winnings made by K. S. A. C. sheep include:

First on sheep exhibit all colleges competing; second on pen of Dorset lambs; second on pen of Shropshire lambs; third on pen of grade crossbred lambs; third on pen of Hampshire lambs; third on pen of Southdown lambs; fourth and fifth on Dorset lambs; fifth on Hampshire lamb; first on Dorset ram fleece; first on Dorset ewe fleece, and third in the yearling wether carcass contest.

Prof. H. E. Reed is in charge of the sheep work at K. S. A. C. and for the fourth consecutive year was elected president of the Continental Dorset Breeders' association.

At meetings of the American Society of Animal Production in Chicago, Dr. C. W. McCampbell, head of the college department of animal husbandry, was elected to the vice-presidency of the society. He has been very active in the organization, serving on three committee and as chairman of the committee on methods of instruction.

CENTER AND WASHBURN ON GRIDIRON SCHEDULE

McMillin's Alma Mater and Topeka College Both Will be Played at
Manhattan in 1930

Completion of the 1930 Kansas Aggie football schedule by contracting for games with Center college of Danville, Ky., and Washburn college of Topeka was announced last week by M. F. Ahearn, director of athletics. Both games will be played at Manhattan, the Washburn game opening the season on October 24, and the Center game the Saturday before the Nebraska affair, which is to be on Thanksgiving day.

Center college is the alma mater of A. N. (Bo) McMillin, the Aggie head coach. Both Center and West Virginia university are new foes for the Aggies. Washburn is among the "ancient foe" class, the first Aggie-Washburn game coming in 1903. The two schools have not met since 1924, when the Aggies won. Ernest Bearg, new Washburn coach, was formerly head coach at Nebraska.

The schedule:

Oct. 4—Washburn at Manhattan.
Oct. 11—Open.
Oct. 18—Kansas U. at Manhattan.
Oct. 25—Oklahoma at Norman.
Nov. 1—Missouri at Manhattan.
Nov. 8—West Virginia at Morgantown.
Nov. 15—Iowa State at Ames.
Nov. 22—Center at Manhattan.
Nov. 27—Nebraska at Lincoln.

Meets a Fairchild

One of the interesting acquaintances made by Alice Nichols, '27, Manhattan, who is now in New York City with Farm and Fireside, is that of Miss Barbara Fairchild. Miss Fairchild, whose engagement recently was announced, is the granddaughter on one side of George T. Fairchild, third president of K. S. A. C., and on the other side of Alexander Graham Bell, inventor of the telephone. Miss Fairchild's father, David Fairchild, '88, is now president of the American Genetics society.

Cosmo-Ditties Friday

"Zapata's Troubadors" from the Philippine Islands, and the "Hawaiian Jayhawkers" from Kansas university will be two of the feature numbers on the program for the Cosmo-Ditties presentation in the college auditorium Friday night, December 13. Proceeds will be used for the assistance of Pop Nickoloff, his wife, and child.

KANSAS POULTRY TRIO WINS NATIONAL EVENT

SWEEPS THROUGH TO VICTORY
OVER MINNESOTA

K. S. A. C. Wins Second, Fifth, and Sixth in Total Scoring—Brings Home Four Permanent Cups, Challenge Trophy, and Other Prizes

A trio of Kansas State Agricultural college students demonstrated their knowledge of poultry when they swept the intercollegiate judging event of the national poultry show in Chicago last Saturday. The Kansas team scored a grand total of 3,073.4 points of a possible 4,000 to defeat a Minnesota team which scored 2,922.5 for a second place rating. Illinois ranked third with 2,892.5 points. Eleven teams competed.

LEARY WAS SECOND

K. S. A. C. was first in production judging and first in written examinations and Illinois was first in exhibition judging. In all divisions of the contest H. G. Folk of Iowa was high individual scorer with 1,065, and E. M. Leary, Lawrence, of the Kansas team, was second with 1,051.7. R. E. Phillips, Joplin, Mo., of the Kansas team, ranked fifth with 1,017.5, and M. M. Taylor, Perry, the third Kansas member, was sixth, with 1,004.2.

In the written examination and deduction contest Leary was first, Phillips third, and Taylor fifth. In production judging Taylor was third, Leary fifth, and Phillips eighth. Edith Bockenstette, Sabetha, was team alternate, and Prof. H. M. Scott, of the poultry department, coach of the team.

WON PLENTY OF PRIZES

Their winnings entitle the K. S. A. C. team to the challenged trophy and permanent possession of the cup for high team. In the written examination they also were awarded a permanent cup and a third permanent cup was won in the production division.

Six medals and cash prizes also go to individuals of the Kansas team. Among them were three gold medals, one to each team member, for high ranking team. Leary also won a gold medal for being first in the examination and \$20 for second placing in the entire contest. Taylor's winnings, beside the gold medal, were a bronze medal for third high in production judging, and \$10 for being fifth high man. Phillips won, beside his gold medal, a bronze medal for placing third in the written examination.

Ice Cream Makers Here

Ice cream manufacturers are to be at the college tomorrow and Friday for the fourteenth annual conference of the Kansas Association of Ice Cream Manufacturers and the tenth annual conference arranged by the college dairy department for ice cream makers. Several important out of the state speakers are scheduled to address the creamery men. Vanilla ice cream is to be featured this year in the annual non-competitive scoring contest.

Get Edison Portrait

An oil painting of Thomas A. Edison has been offered to the college by the United Power and Light corporation. Dean Mary P. Van Zile, Prof. Araminta Holman of the applied arts department, and Prof. Paul Weigel of the architecture department, went to Abilene recently to view the picture which will be hung in the library or the engineering building.

Announce Prize Contest

Rules for the annual Theta Sigma Phi essay contest have been received by the local secretary, Miss Helen Hemphill. A prize of \$100 is offered by the best article on any phase of women's work in journalism written by a woman student enrolled in a school or department of journalism where there is a chapter of Theta Sigma Phi.

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R. I. THACKREY... Assoc. Editors
KENNEY L. FORD... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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FOOTBALL VS. THINKING

Dr. Alexander Meiklejohn of the experimental college of the University of Wisconsin has won world wide attention to his unusual ideas on the subject of education, and it is no longer doubted that many of his strictures upon college courses in general and some teaching methods in particular have been deserved.

One of the most recent of his oracular declarations was "in looking for something to do for the sheer joy of doing, there is nothing like thinking. Football is a vain, transitory, inefficient thing compared to thinking."

In addition to its lofty tone this statement covers a wide breadth of territory, and is worth thinking over.

Passing over the first thought that strikes the average reader, that it is a long time since Doctor Meiklejohn played football, if indeed he ever bucked a line, and likewise overlooking the first two adjectives he applied to the game, we arrive at the word "inefficient."

Some hundreds of coaches and several thousands of husky young athletes will resent this expression strongly, because football, well played, is anything but inefficient. It represents a coordination of effort, together with an exemplification of highly trained skill, such as perhaps no other physical exertion can equal.

As a drill in quick thinking, individual and team united action, what other college activity, academic or otherwise, can match it?

Football may be, as Doctor Meiklejohn says, transitory; it is for most young men, but the training they receive while playing it remains to sharpen their wits in emergencies encountered after they leave college.

Not even Doctor Meiklejohn will maintain that contemplation, per se, will enable young men to "get anywhere" in any environment they are likely to encounter after leaving school. His argument applies to research work and to purely sedentary occupations, but, to use an extreme example, a football player would be a much handier fellow to have around in a shipwreck than a trained thinker, because the athlete not only has been trained to think, but to think and act quickly. His training was not acquired under the "Bo tree's contemplative shade."

As applied to the age in which we live and conditions prevailing nowadays, the trouble with Doctor Meiklejohn's wide generalization is that in it he has not coupled thinking to doing. Thinking for the pure joy of thinking is a luxury that only a few can afford in these tempestuous times.

It is true that the world has wandered far from Plato and Aristotle, and even from Berkeley, Hume, and Kant. This may be something that is to be deplored; there is room for much to be said on both sides. It can scarcely be doubted, though, that there is no indication that there ever will be a return to the good old days of contemplative philosophers who despised material accomplishments and physical recreation.

Such as it is today the world is a pretty good place to live in; there are plenty of creative thinkers in it, and there is plenty of room for more good football players.

If Doctor Meiklejohn doubts this last statement let him make inquiry of the coach of his own university,

Glenn Thistlethwaite, who has just concluded a sad season, and who is now daily opening stacks of letters from alumni who have not attained to Doctor Meiklejohn's high plane of contemplative complacency.

EXCITING HEADLINES

"I think it's wonderful."

"What?"

"Hoover flying over the south pole with those 18 industrial leaders and planning to spend billions of dollars in 1930."

"I knew he'd do it. I saw the talking picture where his mother talked with him from Baltimore to the camp in Iceland or some place."

"It's a great thing for the United States. I was afraid he wouldn't make it."

"Why not?"

"On account of this here federal reserve board."

"What did that have to do with it?"

"Well, I don't know exactly, only it's sumpin' about interfering with the expedition. Every time there'd be a start for the south pole money would go too high."

"What was the idea of wanting to fly over the south pole, anyhow?"

"To restore public confidence."

"In what?"

"In the south pole, I suppose. A lot of people who were playing it on the margin had begun to lose faith in it."

"It's a good buy right now."

"Not for a quick turnover."

"No, but for the long pull."

"You mean if anybody cares to hold it?"

"Sure. Didn't you read what Balchen said when everything looked the worst?"

"What did he say?"

"My son and I are in the market now. Things are now at good investment levels."

"Did everybody get back from the flight over the pole without any accidents at all?"

"Everybody except Knute Rockne. I just read where he is still on crutches."

"What did they find it was like?"

"The country was all ice and snow with glaciers and everything, but it was fundamentally sound."

"Didn't the same party fly over the north pole once?"

"It says here that he's the only man that ever flew over the poles twice."

"Twice over the same poles?"

"No, different poles, I think."

"Anything else exciting in the headlines?"

"Only about that great 90 yard run in the Notre Dame-Army game."

"Who made it?"

"Some fellow named Byrd." —H. I. Phillips in the "Sun Dial," New York Sun.

A STRANGE NEW HERESY

It is somewhat startling, even in this day of smashed idols and crumbling philosophies, to find that the shameless generation now taking over the reins of the universe doesn't subscribe to the belief that there is something intrinsically virtuous in early rising.

Our stalwart grandsires as a matter of course began their day by the light of a smoky oil lantern. They did so partly because a long day's work was necessary to keep the wolf from the door. Even in midwinter, when there was little to do on the farm, the time of rising was that same gaunt hour just before the first gray hint of dawn. In those rock ribbed days early rising was a virtue, like honesty, sobriety, chastity; and the sluggard who habitually let the sun beat him up was looked upon askance.

It is not improbable that early rising first became a virtue in the days of the Puritans when everything pleasurable held the seeds of sin. At any rate, our ancestors got up early as a matter of principle, summer and winter. If one had to prod the cows to their feet to milk them and thump the hog house with a club to awaken the hogs—well, those were merely obstacles in the path of duty.

But of late a strange new heresy has penetrated even into that last stronghold of the old order, rural America. Early rising there still is at certain busy seasons of the year, but a perverse generation that is making a mockery of old traditions has come to regard it not as a virtue, but as a necessary evil. Modern machinery, which is shortening the farm

work day, and automobiles, radios, and movies, which keep folks awake far, far beyond the 9 o'clock curfew, have combined to shake old habits to their foundations. Sleeping until broad daylight is now tolerated in many farm households and apparently provokes no qualms of conscience.

The authors of public school primers eventually may be forced to omit the illustrated proverb of the early bird and the worm because of its controversial nature.

—The Country Gentleman.

DEFOE CAPITALIZED BIG NEWS

There's some debate as to who was the first newspaper editor, but many give Daniel Defoe the credit—or discredit. Apart from his Robinson Crusoe and his many other writings, this busy man found time to produce a newspaper and to create a

Christmas and the Scientists

Joseph Fort Newton in the Atlantic Monthly

By an odd freak of fact, the men in our day who are nearest to the spirit and mind of Jesus in their method and approach are men of science. Long ago Huxley—the elder Huxley, not his descendant who shows us in an exquisite art the humor, irony, and pathos of futility—said that the words of Jesus, "Except ye . . . become as little children," are the most perfect description of the spirit of science in its search for reality. If a man would know scientific truth, Huxley said, he must sit down before fact as a child, eager, humble, teachable, rich in wonder and poor in heart; and such a spirit is no less the secret of finding the truth of faith. And it is the glory of Christmas that it makes known a truth which can never be uttered, but can only be incarnated and acted.

To the man of science, to say it once more, the simplicity and wonder of a childlike faith are no difficulty; they are his habit of mind and heart. In his laboratory today he is like Alice in Wonderland, only his findings are more fantastic. Nor is he averse to imagery as an aid, since his world view is far remote from that of the rationalist, with its neat logical perfection, and he must be content with imperfect symbols of truth, if that is the only alternative available. For example, the Rutherford-Bohr atom is an inherently impossible entity; but every physicist believes in it as the best picture, so far devised, of ultimate facts. The only alternative is to feign contentment with a mass of dynamical equations, which mean little and suggest nothing in the absence of the mental image of the atom.

certain technique for the challenging of public attention that could serve as a lesson for even the most enterprising of our modern journalists.

For example, one of the leading racketeers of Defoe's day was Jack Sheppard, a highwayman. That was some centuries before the era of the more subtle banditry which we in our time describe as hi-jacking. Having plied an active, albeit brief, season at his trade, Jack Sheppard appeared one morning on the gallows. Before the trap was sprung, the question, then as now conventional on such occasions, was asked: "What, if anything, have you to say before this penalty is administered?" Whereupon the victim just before he went to greet his Maker raised aloft a copy of Defoe's latest edition, declaring: "This contains what I have to say!"

Defoe is reputed to have added, as the trap was sprung, and in no uncertain voice—"Now is the time to subscribe!"

It's a far cry from then to now. But the newspaperman of this day is not without the thrill that undoubtedly swept over Daniel Defoe as he realized the salutary effect on circulation that this bright idea had evolved. —George B. Parker in Scripps-Howard News.

HUMAN PROBLEMS

Every business that depends upon the individual talents of men and women has a few people who are known as "problems." They are the temperamentals—the brilliant but undependables—the charming inadequates—the able ones who have come to "hate all business"—the sensitive plants—the grouches—the swelled heads and the square pegs. There are many types, including the type that will cheerfully work itself to death if not watched. —Advertiser in Editor & Publisher.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Irene Taylor, '08, was appointed director of women's work in Shawnee county.

A son was born at Oakley to Frank W. Howard, '19, and Alice J. (Wood) Howard, f. s.

Eva Linn McKinstry, '12, and small daughter of Oyen, Alberta, Canada, were visiting at her home near Manhattan.

TWENTY YEARS AGO

Work completed by students was to be exhibited in the domestic art department of the college December 21 and 22.

The choral union met for practice every Monday evening in the auditorium on the oratorio, "The Holy

QUAKE WELL BEFORE LOSING

Margaret Fishback in the New Yorker

I wish my pious little soul
Were just as black as jet black coal,
As black as ink, as black as night,
For then, my dear, perhaps it might
Not fester me in heavy chains
And give me horrid shooting pains
For just a slight indulgence in
The tiniest approach to sin.

I wonder why I was equipped
With such a conscience that it's nipped
Each happy impulse in the bud.
Is Cotton Mather in my blood
That I should rigidly eschew
The pleasures I'm entitled to?
Oh kiss me quickly, dear, before
I get a chance to close the door.

SUNFLOWERS

H. W. D.

GANG POWER

If one had the time it might pay him to shift about considerably during his youth and find out how great is the influence of the gangs of human beings he is thrown with.

The technique of the gang in molding recruits to type is superb. It speaks with many voices. It shouts and whispers, commands and cajoles, shoves and inveigles. Sometimes it is crude and sometimes it is subtle. It is the bossiest thing on earth, but somehow through the multiplicity of urges its identity is completely concealed and the victim never realizes what a shrimp of a pawn he is.

A new crowd can take the conscience of a recruit and in thirty days turn it wrong side out without his ever having known he has been operated upon. It can recondition established habits sometimes in the twinkling of an eye. It has been known to root out convictions that seemed as much a part of the patient as his teeth. And it does all these things with the utmost finesse, or however it is you do things without getting blamed for them.

The gang never pays any damages, either. If it finds you naive and leaves you as tough as a twenty-minute egg—all against your wish and intent—you have no recourse whatsoever. You can't sue, you can't even take yourself back and trade yourself in for a lighter model of fewer horse power and less social prestige. The only thing you can do is to join a naive gang. But that is bothersome, for such a thing is hardly to be found on an improved road nowadays, and everybody is speeding three or four abreast in the other direction, anyhow.

Undoubtedly the biggest shake-up in a fellow's so-called individuality comes when he breaks the so-called family ties and hies himself from Homeville to a seat of learning to procure himself a so-called education.

It is truly amazing how the seniors, juniors, and sophomores in a college grab hold of a big freshman in pouring and convert it to type. In two weeks the freshman knows more about how to carry on on the campus than he ever will know about dangling modifiers, French verbs, logarithms, or Woodrow Wilson's fourteen points. Youth gets its manners and customs and fashions from youth. The faculty may have some influence in these three rather important matters, but it is considerably less than 51 per cent.

Perhaps no young man or woman should go to college who has not previously moved from one gang to another two or three times. Certainly he or she should not go to college unadvised of how easy a prey an 18-year-old youth is for this powerful thing we call a student body.

Of course it is advisable, even necessary, that the freshman fit into the sanctions and traditions of the college; but if he fits in one hundred per cent and surrenders every hope of sprouting an individuality he will never pay any dividends to the state, his family, or himself. He should be told that although the gang is well nigh all powerful, it is frequently in error. Somebody should point out to him that society has ever and always saved itself by switching to the leadership of sincere, non-conforming individuals whom it had crucified one way or another.

There are men that will make you books, and turn them loose into the world, with as much dispatch as they would do a dish of fritters.

—Cervantes.

LOOKING AROUND

KENNEY L. FORD

A visit to the American Royal Livestock show in Kansas City on Kansas day is equivalent to a visit to K. S. A. C., because there are so many Kansas Aggies present as superintendents, exhibitors, judges, and visitors.

More Kansans attended the Royal this year on Kansas day, November 20, than ever before.

It is necessary to enter the Royal building early to even cover hastily the acres of floor space filled with exhibits. A few of the exhibits and events of the day and evening left the following impressions:

Row after row of vocational agriculture and 4-H calves demonstrate education at its best. We see three buffalo fed by Paul and Harry Griffith, Kansas 4-H boys, with hope of a profit large enough to pay their expenses through K. S. A. C.

Tommy Dean, K. S. A. C. shepherd, watches over his little flock that won 14 firsts and five championships out of 16 classes. A conspicuous pen is given to the champion fat wether, bred, fed, and exhibited by K. S. A. C., and christened "Aggies, 6; K. U., 0" by Harry Reed, professor of animal husbandry in charge of the college sheep department.

A reporter addresses Professor Reed: "Professor, your champion wether is a Southdown ewe, is it not?" The professor controls his emotions.

We meet Harry Moxley, '25, extension livestock specialist at Michigan State.

Bob Fort, '26, instructor of vocational agriculture, Colby, taking a little time from his 10 high school boys, joins the party as we look over Jerry Moxley's reserve champion Percheron stallion defeated only by an aged imported stallion. Jerry, '22, is happy.

Warren Blizzard, '10, head of the department of animal husbandry at Oklahoma A. and M. college, Stillwater, believes the Aggies have a good chance to beat Nebraska.

"Davy" Mackintosh, department of animal husbandry, K. S. A. C., is mighty proud of his winning K. S. A. C. girls' meats judging team.

The afternoon matinee horse show brings nearly 15,000 Kansans, including Governor Clyde M. Reed and other state officials, boys and girls, college students, men and women from every profession—an inspiring crowd. Bands from Kansas towns and high schools, and the K. S. A. C. band all receive hearty ovations.

Seventy Kansas City alumni were out for the dinner meeting at the Ambassador hotel. Several out of town guests also were present, including the K. S. A. C. band members, who were asked to play for the alumni following an afternoon performance at the Royal. The following Kansas City alumni present at the banquet are a representative group of more than 500 Aggies living in Greater Kansas City: Mrs. Ella Stinson-Wasson, '20, tea room manager of the Women's City club, 1111 Grand and former vice-president of the Kansas City alumni association, was in charge of the meeting.

A. M. Paterson, '13, is assistant secretary of the American Royal. "Andy Pat" is more than busy on Kansas day. Madeline (Baird) Paterson, '14, is secretary of the Kansas City alumni association.

John S. Chandley, '29, is with the Kansas City Star editorial department.

Ezra Howard, '25, and Phyllis (Burtis) Howard, '25 and '27, are living at 6120 Park avenue. Howard is toll engineer with the Southwestern Bell telephone company.

Mary Marcene Kimball, '28, is with the Grolier research bureau, 1336 Walnut.

Ralph Lashbrook, '29, is with the Kansas City Star working as a reporter.

Herbert F. Hemker, '23, and Thelma (Merwin) Hemker, f. s., are living at 3607 Paseo. Herbert is a sales agent for the General Electric company and is contact man between the company and K. S. A. C. The Hemkers are very active in the Kansas City alumni association. Herbert is a past president.

Josephine Fulcher, '24, is employed in the office of the Henry L. Doherty Investment company.

Mary J. Hill, '20, is a dietitian in

Bethany hospital, Kansas City, Kan.

John F. Huff, '28, and Emma (Shull) Huff, '27, live at 3116 Forest avenue. John is employed in the plant department, West Missouri division of the Southwestern Bell Telephone company.

H. C. Rushmore, '79, "dean of the Kansas City Aggies," who is still in the hardware business and a steady supporter of the K. S. A. C. Alumni association, was present with Mrs. Rushmore.

Eula Mae Curry, '28, is assistant editor, woman's page, the Kansas City Star.

Gladys Suiter, '29, is in journalism work with the Grolier research bureau.

William Sartorius, '28, and Lucile (Potter) Sartorius, '27, are living at 341 N. Twenty-first street. Sartorius is a plant engineer with the Proctor and Gamble manufacturing company, Kansas City, Kan.

Harold V. Rathbun, '27, and Belle (Stanton) Rathbun, '28, live at 105 East Fortieth street. Rathbun is employed in the overhead system engineering department of the Kansas City power and light company.

Charles C. McPherson, f. s., and Vera (Samuel) McPherson, '19, are living at 4220 Harrison street. McPherson, who is with the Fuller Brush company and just recently was transferred from Washington, D. C., is vice-president of the Kansas City Alumni association. Mrs. McPherson states that her chief occupation is taking care of Nancy Jean.

Lawrence D. McDonald, '23, is a practicing consulting engineer. His address is 114 West Tenth street.

W. W. Trego, '24, and Maude (Lahr) Trego, '22, are living at 3630 Bellefontaine avenue. Trego is president of the Kansas City association. Mrs. Trego says, "The class of '22 had more pep and spirit and therefore more fun than most of 'em do. That should get a rise from the others! Have been in Kansas City five years, and in addition to keeping house for my engineer husband, have held down a job most of the time: secretarial work, three and one-half years with the Metropolitan Life Insurance company, and now with College Crofters corporation."

Catharine Lorimer, '28, is assistant manager of the Business and Professional Women's club tea room, 1008 Walnut.

James R. (Tiny) Little, '15, and Marjorie (Crichton) Little, f. s., who are living at 2143 Alfred street, St. Louis, Mo., attended the meeting. Little is explosive expert for the Illinois Powder Manufacturing company at St. Louis.

H. M. Bainer, '00, and Clara (Nitcher) Bainer, f. s., live at 1116 East Ninth. Bainer is director of the Southwestern Wheat Improvement association, 946 New York Life building.

Walter B. Carey, '21, is with the Cook Paint and Varnish company.

Gertrude Conroy, '21, is clothing instructor at Central junior high school.

Newton Cross, '28, is with the Ferry-Hanly advertising company, and lives at 722 Ward Parkway.

Albert Deitz, '85, is engaged in the real estate business. Mr. Deitz says: "I am kept busy visiting my daughter, Florence (Deitz) Grohne, '13, of Joliet, Ill., and W. P. Deitz, '16, principal of Franklin L. Crane junior high school, Topeka."

Maude Estes, '10, is a teacher of home making in the Kansas City schools.

Lois (Noyes) Dean, '14, is owner and in active management of the Kansas City Automobile Spring works, 1824 Locust street. Mrs. Dean is also a housewife and mother of a nine year old boy.

Earle Frost, '20, commonly known as "Jack Frost," is a rising young lawyer in Kansas City with an office at 604 Ridge Arcade. If a popularity contest were held among the Kansas City Aggies, Jack unquestionably would be a leading candidate. There is something about the name "Jack Frost" that gives one a desire to meet the owner. Then after you meet him once that desire increases. Jack is utility man in the Kansas City Alumni association. If anything needs to be done, he does it.

Jennie Williams, '10, is a teacher of nurses at Bethany hospital, Kansas City, Kan.

Frances Whitmire, '21, of 801 Armour boulevard, is a teacher of

home economics in Southwest high school.

Ruth E. Welton, '25, is a dietitian in the Bell Memorial hospital, Kansas University School of Medicine, Kansas City, Kan.

Edwin A. Vaupel, '28, is a chemist with the Schulze Baking company.

Harold W. Johnson, '25, who is superintendent of the Jackson County Light, Heat, and Power company, lives at 422 N. Delaware, Independence, Mo.

Chas. R. Hutchings, '94, and Mrs. Hutchins, live at 3319 Metropolitan avenue, Kansas City, Kan. Hutchings is a mechanical engineer with the Kansas City Structural Steel company.

Joseph Butterfield, '99, and Ary (Johnson) Butterfield, '98, are living at 132 Spruce street. The Butterfields have two children, and Mr. Butterfield is employed as a mail clerk.

F. H. Langdon, f. s., and Gladys (Love) Langdon, '20, are living at 1350 Rowland, Kansas City, Kan. Langdon is manager of the Langdon Feeder company, distributors of mill and thresher supplies.

Don Springer, '29, is with the Cook Paint and Varnish company.

Ruth J. Peck, '28, is home demonstration agent for Wyandotte county, with headquarters in Kansas City, Kan.

Vergie McCray, '11, is a foods teacher in William Chrisman high school, Independence, Mo.

C. L. Quear, '19, who is director of horticulture in the Kansas City public schools and owner of the Blue Avenue Florists, Inc., 10800 Van Horn road, Independence, Mo., furnished a large bouquet of purple and white chrysanthemums for the banquet. Mr. and Mrs. Quear have two sons.

Harold W. Luhnnow, '17, is in the employ of William Volker and company, as general sales manager.

Lenore Edgerton, '19, is a teacher of home economics in the Kansas City public schools.

R. L. Helmreich, '28, is in the plant engineering department of the Southwestern Bell telephone company, with headquarters in Kansas City, Kan.

Velma Buchanan, f. s., is employed by the Fisk Tire company.

Orpha Z. Babb, f. s., has a position in the bookkeeping department of the Donnelly Garment company.

Tyra (Thurston) Asbell, f. s., lives at 2214 Everett avenue, Kansas City, Kan.

Thelma Graham, f. s., is assistant to Dr. J. P. Edmundson, 327 Argyle building.

Kansas City Aggies plan to make their alumni meeting fall each year on the evening of Kansas day at the American Royal.

MARRIAGES

HERLEY—FREY

The marriage of Rachel Herley, '26, to Lester R. Frey, '28, took place May 31 in Manhattan. Mr. and Mrs. Frey are making their home on a farm north of Manhattan.

NICHOLAS—BARBER

The marriage of Nellie Nicholas, a graduate of Kansas Wesleyan university, and Paul Barber, '21, took place in Boulder, Colo., August 3. The couple is making its home in Sabetha.

SPAULDING—DENISTON

The marriage of Bernice Spaulding, f. s., to Lloyd A. Deniston, '23, took place October 2. Mr. and Mrs. Deniston are living at the Tull apartments, Manhattan. Mr. Deniston is employed by the United Power and Light company.

BROOKOVER—BOONE

The marriage of Mary S. Brookover, '28, to W. Irving Boone, graduate of Baker university, took place October 6 at the home of the bride's father, H. G. Brookover. Mr. and Mrs. Boone are making their home on a farm near Toronto.

ESTER—SIEGELE

Elsie Ester, '14, and Herman H. Siegele, were married at Newton June 18. Mrs. Siegele taught in Bethel college at Newton for five years previous to her marriage. Mr. and Mrs. Siegele are at home at 222 South Constitution street, Emporia.

RILEY—WELKER

The marriage of Lella Bell Riley, daughter of Mr. and Mrs. George

Riley of Calgary, Alberta, Canada, to William Joseph Welker, '24, son of Mr. and Mrs. W. G. Welker of Coffeyville, took place in Calgary on June 26. They are at home in Claresholm, Alberta, where Mr. Welker is in the implement business.

SHOLL—JOHNSON

Elizabeth Sholl of Wichita was married to Roy W. Johnson, f. s., of Washington, D. C., November 7. Mrs. Johnson is a graduate of the University of Nebraska. Since May 1, Mr. Johnson has been in the employ of the government as junior architectural engineer. Mr. and Mrs. Johnson are at home in the Francis Scott Key apartments, Washington, D. C.

BIRTHS

Ralph Eaton, '26, and Mary Lois (Gorton) Eaton, '25, of Pierceville, announce the birth November 8 of a daughter, Marion Ruth.

The Rev. Walter P. Halbert and Nellie (Bare) Halbert, '27, of Franklin, Ind., announce the birth November 15 of their daughter, Ruth Elaine.

Mr. and Mrs. W. H. Martin, of Manhattan, announce the birth of a daughter November 17. Mr. Martin is professor of dairy husbandry at K. S. A. C.

Dr. Nathan D. Harwood, '18, and Louise (Wann) Harwood, '26, of Manhattan, announce the birth of a daughter, Mary Lou, on Monday, November 18.

John H. Hofmann, '23, and Mrs. Hofmann, of Haiku, Maui, Hawaiian islands, announce the birth of twin boys November 9. Hofmann is a civil engineer.

Donald MacGregor, '19, and Bess (Fleming) MacGregor, University of Chicago, '17, of Oak Park, Ill., announce the birth November 19 of a son, Donald MacGregor, Jr.

Mr. and Mrs. Frederick C. Fenton of Manhattan are the parents of a daughter born November 29. Professor Fenton is head of the department of agricultural engineering at K. S. A. C.

Vernon E. Bundy, '20, and Mildred (Reed) Bundy, of Columbus, Ohio, announce the birth of a daughter, Mary Vernon, December 1. The baby is the granddaughter of Governor and Mrs. Clyde M. Reed and of Rev. David E. Bundy, '89, of Oketo.

DEATHS

YOUNG

Genevieve (Cunningham) Young, f. s., died in a hospital in Syracuse, Neb., November 21, after an illness of about two years. She is survived by her husband, George A. Young, '12, a practicing veterinarian, and four children.

ENGEL

Mrs. Carl Engel died at a hospital in Manhattan November 28 at the age of 79 years. Mrs. Engel had been a resident of Manhattan for 63 years. Surviving her are six children: Charles F., Mrs. R. C. Boyle, Anna (Engel) Blackman, '97, Norman E., Mrs. A. W. Long, and Mrs. Elizabeth Brooks, all of Manhattan.

Otis F. Fulhage, '24, is a representative of the Curtis Lighting company, Inc., with headquarters at Des Moines, Ia.

Fred L. Huff, '29, is employed by the Kansas City Power and Light company, Kansas City, Mo., as a supervisor of tree trimming operations.

Walter J. Rogers, '22, is in charge of the Herington plant of the Dilley Brothers baking company. For the last year Rogers has been manager of the firm's plant at Pampa, Tex.

Rex D. Bushong, '21, and Vivian (Hall) Bushong, '29, are located in Indianapolis, Ind., where Bushong is associate United States milk specialist with the Indiana state board of health.

Edith A. Holmberg, '08 and '28, is with the extension service of Ohio State university as home demonstration agent of Columbiana county. Miss Holmberg's headquarters are at Lisbon, Ohio.

RECENT HAPPENINGS ON THE HILL

W. E. Curtis of Wichita, freshman in commerce, was the winner of the contest sponsored by the management of the Royal Purple to choose a name for the fall party. His title was "Royal Purple Fall Frolic."

The November meeting of the American Association of University Women was held at the home of Mrs. E. L. Holton November 14. More than 50 members were entertained. Assistant hostesses were: Mrs. J. E. Ackert, Mrs. W. E. Grimes, and Mrs. C. W. McCampbell.

The Alpha Zeta medal, presented each year by the department of agriculture for the freshman ranking highest in scholarship, was awarded to Will M. Myers of Bancroft, at the agricultural seminar November 14. Myers ranked first with a total of 33 credit hours and 92 points.

Dr. R. H. Ferguson, research chemist for the Proctor and Gamble company and a graduate of Ohio State college, addressed the Kansas State section of the American Chemical society Thursday evening, November 14, on "Physical Chemistry of Soaps and Soap Solutions."

A chorus consisting of mature women's voices was organized recently when a group of more than 40 women met in the college auditorium for the first rehearsal. The newly organized chorus will participate in the presentation of Bach's "Christmas Oratoria" in Manhattan December 15.

Dean L. E. Call, director of the Kansas experiment station, has been appointed to a committee which is studying the methods of demonstrating the progress made in the science of agriculture during the last hundred years at the Century of Progress celebration which is to be held in Chicago in 1933.

Scabbard and Blade, honorary military fraternity, has announced the initiation of E. F. Jenista, Caldwell; F. W. Toomey, Neodesha; Paul E. Pearson, Manhattan; Tony Borecky, Holyrood; C. L. Guinn, El Dorado; D. H. Smiley, Manhattan; C. A. Murrell, Hopewell; H. N. Stapleton, Jewell, and Earl C. Richardson, Coffeyville.

Omicron Nu held initiation for the following girls recently: Florence Harold, Dresden; Lorraine Lortscher, Fairview; Eva Guthrie, Woodston; Frances Wentz, Ames; Mary Maxwell, Manhattan; Mildred Baker, Gove; Flora Ross, Amarillo, Tex.; Thelma McClure, Hutchinson; Gladys Meyer Benne, Washington; Orpha Brown, Edmond; and Florence Justin, Manhattan.

Cosmopolitan club initiated its new members at a meeting held recently. The initiates are Catherine Vaughn, Garnett; Raymond Hoefner, Leavenworth; Andre Audant, Port au Prince, Haiti; Salvador Della, Santa Maria, P. I.; Gladys Dowd, Bayneville; Ethel Griggs, Palestine, Tex.; Eva Filson, Scott City; Miriam Marsh, Chanute; Georgia Hamm, Humboldt; J. M. Richardson, Port au Prince, Haiti; George Jelinek, Ellsworth; Howard Edinborough, Tescott; Robert Mannen, Manhattan; Joe Fickel, Chanute, and Cirillo Adam, Sison, P. I.

Basketball Schedule

Dec. 18—St. Marys at St. Marys.
Dec. 20—Kansas Wesleyan at Salina.
Jan. 3—Colorado college at Colorado Springs.
Jan. 4—Colorado college at Colorado Springs.
Jan. 10—Nebraska at Manhattan.
Jan. 13—Missouri at Columbia.
Jan. 17—Oklahoma A. & M. at Manhattan.
Jan. 21—Oklahoma U. at Manhattan.
Jan. 31—Iowa State at Ames.
Feb. 1—Nebraska at Lincoln.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

Elfrieda Hemker, '23, is doing work toward her master's degree in chemistry at the University of Michigan, Ann Arbor.

Vilona P. Cutler, '17, is with the Y. W. C. A. in Yonkers, N. Y. Miss Cutler was formerly with the same organization in Miami, Fla.

ANNUAL GRID BANQUET CLOSES 1929 SEASON

McMILLIN, AHEARN, AND FREEMAN
FOOTBALL FEST SPEAKERS

Aggie Head Coach Asks that All Praise
be Given Players, All Blame the
Coaches—Announce Cross
Country Letters

Finishing with a banquet as sparkling as was each Big Six game, the Kansas Aggie football season is no more.

It was officially tucked away with the election of new captains, speech-making, and all the other festivities which occurred on the night of December 3.

Lists of letter men and elections to captaincies were reported in last week's INDUSTRIALIST.

It remains only to review the high spots of some of the addresses made in response to the introductions of Dr. H. H. King, toastmaster.

DISCUSSES CARNEGIE REPORT

After praising the work of Coach A. N. McMillin, M. F. (Mike) Ahearn, director of athletics, took opportunity to touch on the Carnegie report on intercollegiate athletics.

"The only trouble with the report is that it isn't far reaching enough," he said. "Those of us who did not come under the searching glare of the committee hold up our hands in horror at those who were investigated, and think we are pure."

A. H. Freeman of Hoxie, retiring captain of the team, made a brief talk in which he paid tribute to the work of his team mates, expressed regret that certain games had not been won, and added, "I wish I could play until I was grey headed, if I could play for 'Bo' McMillin."

McMillin, the final speaker, delivered an address that was at once an admonition, a laudation, and a prediction.

Turning first to the Manhattan high school athletes and to the Kansas Aggie freshmen, he impressed upon them the value of hard study and hard work, whether in school or in life, and expressed the hope that "all of you will be able to come back here next year, but if you aren't back I hope every one of you is doing something useful and not a member of a worthless gang of loafers which is a nuisance to every town."

He then requested that followers of the team confine criticism to himself and praise to the players.

"If we have won football games, it is because the boys on the squad played with every ounce they had, sometimes above their heads," he said. "When we lost they were still playing with all they had, and I am willing and able to take the blame. Even in the last minutes of that game against Marquette, when we were far behind and the weather was bitter cold, the boys fought with every ounce. They lost because they had given their all against Nebraska, and they had nothing left."

HANDKERCHIEFS OUT

"I don't think any of you people have been criticizing individuals on the team, but if you have, cut it out. When a boy does his best but doesn't have the natural ability another man has he shouldn't be a subject for criticism. If you will remember that fact you will help to build the type of team spirit and community spirit we want at Manhattan."

Touching on next year's game with Kansas university McMillin said, "The university may have wonderful material coming on. It may have some fine men left over from this season. They may be going back east to play Pennsylvania. But they're due for a football game at Manhattan next October 18, and don't any of you forget it."

The crowd indicated that it would not forget.

During the course of McMillin's talk handkerchiefs were in evidence among the crowd of 300. The Aggie coach possesses the power to sway emotions both on and off the grid-iron.

Cross country letter men were introduced by Coach Ward Haylett, who paid testimony to the grit of the men who "pound over the five mile course all seasons, in all weather."

Letter men were as follows:

Captain H. S. Miller, Kansas City; Henry Gile, Scandia; Lee Toadvine, Dighton; John Hoyne, Salina; K. L. Backus, Olathe; John Carter, Bradford.

Three freshman numeral men not

included in last week's list attended the banquet. They were C. E. Emel, tackle, Winona; G. H. Brummer, center, Cawker City; G. W. Hawks, tackle, Netawaka.

The banquet was given for the college and high school teams by the Manhattan chamber of commerce. A. M. Johnston, president, spoke briefly on behalf of that organization.

SALISBURY WORKING FOR RADIO HOOK-UP

Aggie Graduate Visits College in Interest of Proposed Federal-State
Syndicate Programs

Like all other divisions of the federal government, "bigger and better" is the motto of the radio service of the United States department of agriculture, reports Morse Salisbury, '24, who recently visited the college in the course of a field trip.

Salisbury's mission on the trip was to set up arrangements in each state for a system of cooperative federal-state syndicated radio programs through selected stations within each state. The proposal was endorsed by the radio committee of the land grant college association, whose chairman is Dean H. J. C. Umberger, '07, of K. S. A. C., at its November meeting in Chicago. Salisbury hopes to see the system established by the fall of 1930.

"The object is a decentralization of the radio information services of the department," he explained. "Since extension services of the several states are in day to day touch with the information needs of the farmers and homemakers in their states, we expect a considerable improvement in the applicability and in the range of information given by radio through commercial stations to follow from the new system."

Besides administering the syndicate services of the department, Salisbury also is in charge of the network broadcasts direct from Washington, and announces many of the department programs which are heard from 12 to 12:45 o'clock in the afternoon, central standard time, through 32 stations associated with the National broadcasting company.

On the staff of the radio service of the department are two Aggies. Josephine Hemphill, '24, who writes the Housekeepers' Chat daily feature which is broadcast by more than a hundred stations, and Alan Dailey, '24, one of the four agricultural writers of the office preparing syndicate programs for daily and weekly release through the 163 cooperating radio stations.

Milton S. Eisenhower, '24, is director of the office of information of the department, within which is included, besides the publication work and the press service, the radio service.

AGGIE APPLE JUDGERS WIN OVER MISSOURI

Get Permanent Possession of Silver
Loving Cup—Four Allowed to
Enter Contest

At the art of judging, scoring, and identifying apples, K. S. A. C. students proved to be too efficient for their Missouri competitors at the horticultural show in Atchison last week and won the event with 8,725 points of a possible 8,900, while Missouri was amassing a score of 8,555 for second honors.

The victory gave K. S. A. C. permanent possession of the loving cup offered by the Kansas State Horticultural society to the collegiate team winning it first three times. Missouri had one leg on it out of four years.

By agreement, alternates were allowed to enter the contest. The scores of four Aggies were R. B. Mather, Burdett, 2,205 of a possible 2,225; Roy Trompeter, Horton, 2,195; Mrs. Carol Kelly, Manhattan, 2,165; M. M. Taylor, Perry, 2,160. Mather's work was perfect on judging 45 plates of apples and Mrs. Kelly's score was perfect on 20 varieties of apples. The Kansas team was highest on judging and highest on identification. Prof. W. F. Pickett is coach of the team.

Educators Meet Here

Members of the Kansas educators' club held a meeting at the college last Friday. During the afternoon the club made a tour of the college campus, which was followed by a banquet at the college cafeteria. Dr. V. L. Strickland, of the department of education, is president of the club.

ANNUAL SHORT COURSE STARTS ON JANUARY 6

THE THIRTY-FIRST FARMERS' SESSION OFFERED

Certificate Given Those Who Complete
Two Years' Work—Cost Should Be
About \$100 for Full Eight
Weeks' Period

The thirty-first annual session of the K. S. A. C. farmers' short course will begin at the opening of college after the holiday vacation, on Monday, January 6, 1930. The session continues eight weeks, closing Saturday, March 1.

This course is a farm school and in the main interests young farmers, unmarried and out of school who cannot, as a rule, get away from home for longer than the months of January and February. Sufficient work is offered to require two terms for completion and a good representation of first year students return for a second term and thus earn the certificate given for the successful completion of two eight-week terms. During recent years 60 to 75 enrol each year.

Subjects available for short course students include practically every phase of agriculture of economic importance in this section of the country. Practical instruction in the operation and care of gas engines, tractors, and automobiles, and in the elements of blacksmithing and carpentry is included in the course. Fees and other charges are \$10 to \$12 per student and the entire cost of the eight-week term is approximately \$100.

Detailed information about the short course may be secured by request to the dean, division of agriculture, K. S. A. C., at Manhattan.

EDDY DIRECTS NEW BRANCH OF CURTISS FLYING SERVICE

Former Aggie Student Has Headquarters
in Kansas City

Lieutenant Myron F. Eddy, U. S. N., retired, f. s., is director of a new branch of the Curtiss Flying service, Inc., which is conducting special ground lecture courses in aeronautics at its quarters at 917 Grand avenue, Kansas City, Mo.

An interesting feature of the lecture courses is the wind tunnel demonstrations, showing a miniature airplane being controlled by students in actual flight conditions. The device by which this may be shown is a development of the Curtiss organization.

Lieutenant Eddy's home is in St. Joseph, Mo. After leaving K. S. A. C. in 1910, he took a course in electrical engineering at the Massachusetts institute of technology and the United States naval academy at Annapolis.

There is hope if you have a sense of humor.

PROGRESS OF KANSAS PRESS

F. E. C.

Blanche Hemmer is back in the old home town now writing for the Barber County Index in Medicine Lodge. Her column "Lookin' On" helps give to the Index that little bit of personality every paper needs.

Prize home town booster item for November, by Ann Observer in Minneapolis Messenger:

There is faith in sufficient quantities these days to remove mountains but it is used instead to buy sight unseen bargains advertised over the radio.

A teacher enjoys seeing one he has helped "educate" out in the business world effectively doing his share of the world's work. That's why farm bureau columns written by young men who were "required" to take a four hour course in journalism are a reward. The notes of J. W. Rousin in the Herndon Nonpareil are the most recent ones noticed.

Secretary O. W. Little of the Kansas Press association and the Alma Enterprise has launched a campaign against those papers which carry hyphenated names. "They certainly take up a lot of space and time," writes O. W. in the Jayhawk Press. "It is not probable that any of the readers of the Kanopolis Reformer-Advertiser ever use both those names in speaking of that paper. They use only one or the other of the names or else they have some pet name by which they designate it. Not by any

This Is Right!

Files of THE INDUSTRIALIST show that a medal in the national Saddle and Sirloln essay writing contest was won by Mrs. Dorothy Lush Nelson, '24, in 1923, hence the bronze medal won by Clarence Dunn this fall was not the first medal for Kansas as was stated in last week's INDUSTRIALIST. Back in 1913 in an entirely different contest sponsored by the Saddle and Sirloln club, Miss Ethel Vanderwilt, '13, won first place and a gold medal.

KANSAS AUTHORS' CLUB ANNOUNCES COMPETITION

Awards Totaling \$210 Offered for
Poetry, Short Story

Prizes totaling \$210 are offered in the annual prose and poetry contest of the Kansas Authors' club, announced recently by Mrs. Patricia Mueller of Topeka, president.

The prose prizes are \$100 for the best short story produced during 1929, and \$50 for the second best short story. Magazine type stories from two to ten thousand words are desired. Awards will be paid from interest on the James W. Searson prize authorship fund. Mr. Searson was a former head of the English department at K. S. A. C.

A total of \$60 is being offered in prizes for poetry, the first being \$30, the second \$20, and third \$10. A maximum length of forty-eight lines and a minimum of twelve lines, not including repeated lines, is placed on poetry.

Only one entry is allowed in each class, and a registration fee of 50 cents is required for each entry. The manuscripts should be typewritten in triplicate and without the name of the author, which is to be inclosed on a separate slip. Previously published work is not acceptable.

Manuscripts should be mailed to Mrs. Mueller at 1013 Van Buren street, Topeka, before December 31, 1929. All residents of Kansas and members of the Kansas Authors' club living either in or out of the state are eligible to compete, except those who have won first prizes in previous contests.

Holton to Chicago

Dean E. L. Holton, head of the department of education, will be the only Kansas representative at the meeting of the national conference of education, which is to be held in Chicago December 13 and 14. Representatives of various fields of education from over the United States will attend. Dean Holton is to be a speaker on the program.

Offer Scholarship

A new scholarship of \$200 is being offered by the American Association of University Women to graduate students at K. S. A. C. Applications for the scholarship must be in by March 1, 1929.

PARENTS OF AGGIES ELECT AT BANQUET

P. W. FAIRBANK, TOPEKA, IS CHOSEN
TO HEAD ASSOCIATION

Constitution Will be Presented Next
Fall—Phi Delta Theta and Ionian
Literary Society Win Attendance
Prize Parents' Day

In spite of cold, stormy weather, Parents' day may be considered a success in that a fairly large group of parents visited K. S. A. C. Saturday, November 23.

The parents' banquet Saturday evening was held in Thompson hall at 6 o'clock and was attended by more than one hundred parents and students. John Correll, junior in general science, was toastmaster.

Correll introduced President F. D. Farrell, who gave the address of welcome to the parents. President Farrell stressed the importance of the influence exerted by parents on their children as students of K. S. A. C., and also emphasized the importance of their influence as parents and citizens of Kansas in maintaining the standards of K. S. A. C. and other state schools.

FAIRBANK RESPONDS

P. W. Fairbank, Topeka, responded on behalf of the parents to the president's address. Fairbank praised the spirit of democracy existing on the K. S. A. C. campus. He said that here students from the farm and from the city, students whose parents are wealthy and students who have to work their way through school, are associated together on a common basis of equality, and that many friendships are formed that will go a long way toward a better understanding among the people of Kansas in the future.

Fairbank also urged that a K. S. A. C. Parents' association be organized with the idea in mind of creating a better understanding all over the state of the work and the needs of the college and also to promote Parents' day. Mr. Fairbank said that he hoped that next year there would be many more parents present at the banquet.

OFFICERS CHOSEN

Following Fairbank's talk, Correll placed the proposition of taking preliminary steps for organizing a K. S. A. C. Parents' association. Mrs. F. W. Boyd, '02, Phillipsburg, moved that officers be elected with instructions that they report back at next year's banquet with a proposed constitution and by-laws.

The following officers were elected: P. W. Fairbank, Topeka, president; Mrs. F. W. Boyd, Phillipsburg, vice-president; Jerry Wilson, Manhattan, secretary; F. W. Seekamp, Mulvane, treasurer; J. C. Grover, Manhattan, executive officer at large.

M. F. Ahearn awarded the attendance prizes as follows: fraternity with the largest percentage of parents present, Phi Delta Theta. Ionian Literary society won a similar prize awarded to literary societies. It was found that three sororities tied for their prize, so the awarding was referred back to the committee for a final decision. The prize to the parents coming the greatest distance was awarded to Mr. and Mrs. H. B. Lantz, La Junta, Colo. The prize to the parent present having the greatest number of students in K. S. A. C. was awarded to Mrs. Lucile Rust, Manhattan.

W. A. A. Initiates

Sixteen new members were initiated into the Women's Athletic association last week at the regular monthly meeting. They are: Betty Wagstaff, Topeka; Lucile Nelson, Jamestown; Dorothy Canham, Kansas City, Mo.; Emily McKenzie, Plainsville; Marcine Campbell, Hollis; Carol Briscoe, Cambridge; Virginia Peterson, Manhattan; Inez King, Junction City; Grace Mundell, Nickerson; Helen Pemberton, Ness City; Hazel Forbes, Eureka; Frances Ross, Amarillo, Tex.; Marjorie Stevenson, Oberlin; Margaret Bragg, Dodge City, and Mina Paddock, Lakin.

Choose Fall Queen

Frances Jones, Kansas City, a sophomore in commerce, was elected queen of the fall frolic held in the ballroom of the Wareham hotel last Tuesday evening. The dance was sponsored by the Royal Purple. Miss Jones is a pledge of Alpha Delta Pi.

Austin Stover, '24, is a wholesale florist in Blackfoot, Ida.

THE KANSAS INDUSTRIALIST

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Number 13

FARMS BUILD NEEDED TRAITS, FARRELL SAYS

CONTRIBUTE MORE THAN JUST MATERIAL THINGS

It's in Rural Sections Where Much of Initiative That Characterizes Successful American Business Man Is Born

America's vast rural sections contribute to the world something more than just concrete things like food and clothing and that "something" is several human qualities which help to make people civilized and happy. That, in substance, is what Dr. F. D. Farrell, president of the Kansas State Agricultural college, said in describing "some influences of the countryside" in an address last Friday before the twenty-third annual convention of the Association of Life Insurance Presidents at the Hotel Astor, New York City.

"There are various reasons why rural America is a major contributor to the development of our social and economic standards," the president said. "One of the most obvious is the fact people who occupy the farms and villages are close to fundamentals upon which our social and economic welfare depends. These people live and work in an environment in which man's physical necessities and spiritual aspirations are closely interwoven. Their work, their play, their joys and sorrows occur in the same place. That place is the countryside."

"All intelligent and well informed people recognize the absolute dependence of society in general upon the people and industries of the farm. The sense of dependence usually rests upon the fact that the farms feed us and, in a large measure, clothe us. We think of the farms as sources of meat, bread, milk, wool, cotton, eggs, fruit. Even if our indebtedness to the countryside and our dependence upon it involved only such concrete things as food and clothing, we still should be justified in holding people in high esteem. This feature of the rural influence upon our social and economic well-being is so often emphasized that there is no need to stress it."

THE SOCIALIZING INFLUENCES

But another kind of contribution of which comparatively little is heard was pointed out as important. It is a contribution of qualities likely to be developed by rural life and which are the basis of civilization. Trustfulness and trustworthiness, ability to plan intelligently, to work effectively, and, when necessary, to wait patiently were among qualities enumerated. People who lack these qualities are not civilized persons, President Farrell declared.

"Much of the initiative that characterizes the successful American business man comes from the farm," President Farrell continued. "The farm boy has incomparably more opportunity and more necessity to develop initiative than does the city boy. The latter has numerous servants to do things for him but the farm boy has almost none at all. To the city boy the milkman brings milk, the postman brings letters, the janitor supplies heat, the traffic policeman provides protection at the busy street intersections, the playground supervisor supplies amusement and the zoo supplies animals—to look at. The farm boy has virtually nothing comparable to this. He must provide most of his own expedients, either in work or in play. He constantly is required to improvise, to find new methods of doing things, to make his imagination work for him. His tasks are numerous and varied, and often quite complex."

WHERE INITIATIVE GROWS

"On summer evenings thousands of small farm boys are sent to pastures to fetch the cows. Each of these boys is confronted with certain problems which he must solve unaided. Frequently he must manage a more or less stubborn pony. He must open a gate—often a difficult undertaking—separate the milk cows from the dry stock, close the gate

again, keep the cows out of the cornfield, and bring them safely to the barn. Not uncommonly this apparently simple task requires the exercise of more initiative in one hour than is required of the ordinary city boy—with the possible exception of the newsboy or messenger—in a month. Under such conditions the farm boy of good native ability develops initiative at a rapid rate and to a high degree. At the same time he develops another quality of inestimable value to American business, the quality of self-reliance. He learns to stand on his own feet."

COLLEGE SPECIALISTS QUOTED IN NEW BOOK

Secretary Mohler Uses Numerous Articles and Speeches of K. S. A. C. People in Biennial Report

The recently published twenty-sixth biennial report of the state board of agriculture, compiled by J. C. Mohler, secretary of the board, contains several articles written by members of the K. S. A. C. teaching faculty and the extension division staff. The frontispiece is a reproduction of a portrait of President F. D. Farrell. Among the articles are the following:

Benefits of 4-H Club Work, J. Harold Johnson, county club agent, Wichita.

Community Improvement Through Club Work, Carl L. Howard, county agent, Emporia.

Personal Benefits from 4-H Club Work, H. L. Gibson, county agent, Columbus.

4-H Club Work Pays, Paul C. Gwinn, county agent, Junction City.

4-H Clubs Are Builders, A. Y. E. Gwinn, county agent, Iola.

Farm Economics, E. A. Stokdyk, former associate professor of agricultural economics, K. S. A. C., and A. C. Hoffman, county agent, Larned.

Sodium Chlorate and the Bindweed Problem, W. L. Latshaw, associate professor of chemistry, and J. W. Zahmley, associate professor of farm crops, K. S. A. C.

Some Relations of Industry and Agriculture, W. E. Grimes, head, department of agricultural economics, K. S. A. C.

Results of Home Demonstration, Mrs. Laura Winter, home demonstration agent, Wichita.

Progress of Rural Electrification in Kansas, H. S. Hinrichs, former assistant agricultural engineer, K. S. A. C.

More Profitable Dairy Production, J. B. Fitch, head, department of dairy husbandry, K. S. A. C.

Alfalfa Diseases in Kansas, L. E. Melchers, head, department of botany and plant pathology, K. S. A. C.

Potato Inspection and Grading in Kansas, E. A. Stokdyk, former associate professor of agricultural economics, K. S. A. C.

Sweet Clover in Kansas, L. A. Wiloughby, extension agronomist, K. S. A. C.

NEW WHEAT BULLETIN PUBLISHED BY STATION

Professors Salmon and Throckmorton are Authors of Latest Study Into Great Kansas Grain Crop

The Kansas agricultural experiment station has published a new bulletin, number 248, "Wheat Production in Kansas." Prof. R. I. Throckmorton, head of the college agronomy department, and S. C. Salmon, professor of farm crops, are the authors. The new publication takes up many phases of wheat production in the Sunflower state. Some topics discussed are the importance of wheat in Kansas, soils for wheat, climate for wheat, diversified farming and wheat production, soil treatments, seed bed preparation, seed wheat and the time of seeding, production of high protein wheat, insects and diseases of wheat, weed pests, and harvesting and marketing.

The discussion of harvesting and marketing of wheat is especially timely because the latest methods in each case are described. Those who wish copies of the new bulletin should send their requests to the agricultural experiment station at Manhattan.

Consistent Prize Winner

Imogene Chase, '20, is supervisor of the Bedford high school paper at Bedford, Ind. In the five years that Miss Chase has been in charge, the paper has won three firsts, one second, and one honorable mention in Indiana state contests.

There are 9.2 persons for every motor vehicle in the United States.

NICKOLOFF FUNERAL SERVICES THURSDAY

BULGARIAN STUDENT LOSES FIGHT FOR LIFE AT NORTON

Proceeds from Cosmo-Ditties Benefit Program Will Go Toward Defraying Funeral Expenses and Aiding Wife and Child

Kiril Pop Nickoloff, '28, died at the state tuberculosis sanitarium in Norton early Tuesday morning, December 17.

The end came to Nickoloff four days after his friends in the K. S. A. C. Cosmopolitan club had raised funds through their presentation of Cosmo-Ditties to assure his care, and aid his wife and son in Bulgaria.

Funeral services will be held at the First Congregational church at 2:30 o'clock Thursday afternoon, December 19. Burial will be in Sunset cemetery. Word of the death of Nickoloff was received by Rev. J. P. Jockinsen, pastor of the First Congregational church.

Nickoloff's condition had been critical for some time, and he seemed to "hold onto life by a thread" during the last few days, anticipating the arrival from Kansas City, Mo., of Miss Mary Haskell, a missionary who knew him as a 12 year old boy in a mission school in Macedonia, and who inspired him with the desire for education.

Miss Haskell spent a day in Manhattan last week, then went on to Norton. After her arrival Nickoloff failed rapidly, his desire to see his friend realized. Miss Haskell will accompany the body to Manhattan.

Nickoloff spent the summer following graduation at the Hays branch experiment station. He was then to have taught agriculture in the national school in Albania, but became too ill to make the trip.

Through the efforts of the Cosmopolitan club he was taken to the sanitarium at Norton.

Proceeds from the Cosmo-Ditties benefit entertainment, amounting to more than \$600, will be used to defray the expenses of the funeral, and part of the remainder will be sent to his wife and son in the old country.

Nickoloff's middle name was given him because of the fact that his father was a priest, or "pope." The father was killed in 1903 by the Greeks because of his Bulgarian nationality. Nickoloff was about 33 years old. While in Manhattan he stayed at the home of Prof. L. F. Payne for a year, and with Karl Pfuetze for a year. He was very popular with his associates.

Soil Erosion Most Costly

Soil erosion is doing more than crop production to deplete Kansas soils of their fertility. Seeding steep slopes to hay and pasture and the construction of terraces on gentle slopes will help prevent losses.

Experiments with Bellicose Rabbits

Indicate Bad Temper Is Inheritable

Evidence tending to show that bad temper is an inheritable characteristic, rather than chiefly a matter of early training, has been obtained by Dr. H. L. Ibsen, geneticist in the department of animal husbandry, in experiments with rabbits.

"I am sure that the characteristic is inherited, but not of the exact mode of inheritance," Doctor Ibsen says.

Two bad tempered rabbits were selected from the stock for the experiment. They were mated, and their offspring all proved more or less ill-natured. These young were inbred and have produced rabbits that are already showing the same symptoms as their parents, though only two months old.

The rabbits react only when in their own cages. They throw back their ears and scratch with both front feet at once, uttering a squeak to bluff or scare the person attacked.

A wire brush, dipped in disinfectant, has proved the most effective

Mark It On the Calendar

Dates set for the 1930 Farm and Home week at the Kansas State Agricultural college are February 4, 5, 6, and 7. Tuesday will be poultry day, Wednesday dairy day, Thursday livestock day, and Friday agronomy day. Other departments of the farm, such as agricultural engineering and home economics, are given generous attention in the daily programs. This will be the fifty-fifth annual Farm and Home week sponsored by the college.

WASHBURN TOUGH FOE IN OLDER AGGIE DAYS

K. S. A. C. Played First Collegiate Football Game Against Ichabods, Who Held 'Jinx' for 11 Years

When the Kansas Aggie football team meets Washburn at Manhattan next fall it will be renewing the most ancient college rivalry on the Aggie gridiron calendar.

The first Aggie football game of which there is a record was played against Fort Riley in 1896, the soldiers winning 14 to 0. In a return game played the same year, the score was 6 to 6.

The following year the Wildcats opened against Chapman high school (now Dickinson county community high) and won 4 to 0. The next foe was Washburn, and the Ichabods won 4 to 0. In a return game with Chapman the Wildcats (though they were not then Wildcats) played to a 0 to 0 score, and then closed the season with another game against Washburn, which was lost 36 to 0. Ottawa, second college foe for Aggie football men, defeated the Aggies 16 to 6 in 1898.

In those early days Washburn had a monotonous habit of trimming the Wildcats on the football field. In 1899 the Aggies were defeated 24 to 0, and in 1903, 34 to 0. In 1904 the Ichabods made the score 56 to 0, and in 1905 won 12 to 5. Even the Aggie team which won from Kansas university for the first time was defeated by the Topekan, 5 to 4, and the Aggies again lost in 1907, 5 to 0.

In 1908 the men of Michael Ahearn broke the "jinx" and for the first time won, 23 to 4. Since then Washburn victories have been very few.

Chi Omega Wins

Silver loving cups were presented to Chi Omega and Kappa Kappa Gamma for the winning stunts in Aggie Pop which was held at the college auditorium December 6 and 7. Chi Omega won first place among the longer stunts with "The Phantom Shrine," and Kappa Kappa Gamma won first in its group with "Eight Minutes in Pygmy Land."

There are approximately 500,000 individual farm lighting plants in the United States and about 400,000 additional farms served from power lines.

JANUARY A MONTH OF SHORT COURSES HERE

VACATION FIRST, THEN COMES BUSY MONTH

Horticulture Department to Give Its First School for Nurserymen—Veterinary Medical Association Meets at College January 7-8

Winter vacation, seeing the home folks, Santa Claus, another chance at mother's fine cooking—thoughts of these and similar things fill the minds of Kansas State Agricultural college students this week, for the usual two weeks of Christmas holidays begin at 6 o'clock Saturday night.

Not until Monday morning, January 6, will Aggie "eds" and coeds have to attend classes again, although the vacation season closes officially Saturday night, January 4, at 6 o'clock. Meantime, more than 3,000 carefree students will spend their vacation days with the home folks, discussing college athletics and social affairs, attending parties, traveling, husking corn, milking the cows, hunting, chopping wood, and wishing hopelessly that vacation would last forever.

But with the holidays past students will come back to face a busy schedule for the remainder of the semester. A week of study, a week of review, a week of finals—and the semester will be finished.

THE VETERINARIANS MEET

There will be other events of interest and importance occurring on the campus during January. The annual farmers' short course and the creamerymen's short courses open on January 6.

On January 7 and 8 members of the Kansas Veterinary Medical association meet at the college for their twenty-sixth annual conference. A busy two day program has been arranged under the guidance of Dean R. R. Dykstra. Besides several Kansas veterinarians and members of the college faculty, principal speakers scheduled are President F. D. Farrell, K. S. A. C.; J. H. Mercer, Topeka; Colonel R. J. Standcliff, Ft. Riley; Dr. H. E. Kingman, Colorado Agricultural college; and Dr. A. T. Kinsley, Kansas City, Mo.

A NURSERYMEN'S SCHOOL

The horticulture department of the college is sponsoring on January 8 and 9 its first school for nurserymen. Nearly 250 nurserymen have been invited to attend the conferences arranged by Prof. R. J. Barnett. Members of the horticulture department staff and others who will speak on various subjects of interest to nurserymen are Professor Barnett, Prof. W. F. Pickett, Prof. L. R. Quinlan, Prof. G. A. Dean, Prof. W. D. Balch, Prof. W. E. Davis, Dean L. E. Call, Prof. H. W. Davis, Prof. O. H. Elmer, Dr. W. E. Grimes, E. W. Johnson, forest nurseryman at Hays, and C. A. Scott, nurseryman of McPherson.

A banquet at the college cafeteria features the evening program of the first day and a question box conducted by the horticulture department faculty is the last number on the closing day.

SIGMA NU WINS SOCCER TITLE BY DEFEATING PHI KAPPA TAU

Evans Kicks Winning Goal in Overtime Period

Sigma Nu won the intramural soccer championship of the college last week by defeating Phi Kappa Tau 2 to 1. The game was tied at the end of the regular period of play, but in the last 15 seconds of a five minute overtime period Marion Evans, Gove, kicked the winning point.

Sigma Phi Sigma and Alpha Gamma Rho were eliminated in the semifinals.

Twenty-six teams, with 293 members, participated in the soccer tournament this year. A new record was set by the Sigma Nu team in defeating Beta Theta Pi 6 to 0. It was the highest score ever recorded in an intramural soccer game here.

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Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, DECEMBER 18, 1929

AN EDUCATIONAL ASPECT

Cosmo-Ditties—K. S. A. C.'s great gesture in the cause of humanity and education—has gone into history. Aside from its eleemosynary aspect, it is one of the important educational events of the campus.

Throughout its varied and colorful entertainment, students glimpse the versatility of foreign races, their flair for the dramatic and spectacular, not always exhibited by native students.

Better than that there comes over the footlights, undisguised by costume, color, song, a new awareness of the heroism of these foreign students, who bravely face a new land, the strangeness of new faces, the difficulties of a new tongue to acquire an American education so that they may return equipped for greater service to their own country. How many of them would venture forth from the security of their families, of old and tried friends, of familiar and beloved surroundings with such an ideal to spur them on!

And so subtly, almost imperceptibly, does our own student body sense anew the value and meaning of an education as something not to be taken lightly and as the undisputed right of every American born, but as a great, inestimable privilege—too little appreciated.

BOOKS

"Fashions in Morality" was the subject of Prof. J. O. Faulkner's lecture in recreation center Tuesday evening, December 10. He discussed Ellen Glasgow's latest novel "They Stooped to Folly."

"Very few of you have not already heard something about Ellen Glasgow," began Professor Faulkner. "She is not a young woman, but she is really a modernist in her method of writing, and in the material which she takes for her recent novels. I am going to think of her as the representative of the new school, because she has broken away from the sentimental sob stuff of the last 10 years of the nineteenth century."

Ellen Glasgow is a native of Virginia, and the characters in her novels, the settings, and the traditions set forth, are those of Virginia. She is still living, and has a beautiful home in Richmond. She is unmarried, happy, and the author of 18 successful novels.

"In my opinion, Ellen Glasgow is America's foremost woman novelist," said Professor Faulkner. "I would place her along with such writers as Willa Cather, Edith Wharton, and Mary Johnson. She is a writer of women's problems, taking generally the theme of unequal marriages."

"In her latest book 'They Stooped to Folly,' Miss Glasgow shows great advancement from her earliest novels. She has applied a very critical treatment, showing a somewhat less kindly attitude toward certain characters. She appeals most to the intellect, through her consciously analytic method."

"Her wit and insight into human reactions and character are remarkably portrayed," the speaker continued. "All through the book are scattered epigrams and short life aspects, demonstrating the author's discernment, wisdom, and her interest in this human comedy called life."

"The time of this character novel,

"They Stooped to Folly," is three years after the close of the World war. In it, the story is of least importance—it is the reaction of the several leading characters to the deviations from the moral code of their generations which claims the reader's attention. Interest in the story centers around three female characters, each of whom have sinned and fallen according to the moral code of their generation. The author contrasts the sad morality of the Victorian era with the still unhappy morality of the first quarter of the twentieth century.

"'They Stooped to Folly' is a regular fashion show of morality," said Professor Faulkner. "It is a satire upon the hypocrisy of morals. The author, with thrusts of irony and satire, shows her scorn of moral shows. However, unlike Sinclair Lewis who thrusts without feeling, she is kindly and looks upon these situations as merely incidents in this comedy of life."

"Ellen Glasgow is a master of technique and of diction. Her creed makes her a realist, but she occasionally sojourns into the realms of romanticism. She penetrates life more deeply than most present day women novelists. She personally approves all that is straightforward and daring in the present day generation of women. She handles big problems, she goes on the inside and portrays the problem that we are all familiar with—human conduct."

"In this, her latest novel, I believe that Ellen Glasgow has shown her greatest powers of penetration, and ability to analyze human emotions and reactions." —M. S.

HARDEST TEST SINCE THE 80'S

There should be medals for them. There won't be. Too many would be needed. We submit this comment as a substitute.

The men we are thinking about, and the women, are those who started farming in war time or soon after. They bought at high prices. They met the deflation before they had any margin of safety. Sometimes they crashed at once; sometimes they hung on for a few years and then let the farm go; sometimes, and more pathetically, they managed to hang on all through the hardest times, and then had to quit just as the tide began to turn.

That's all history now. The important thing is the way these folks are pulling back. Some are renting. Some have bought, with a little good will down, and all sorts of interest and taxes to pay every season. A surprising percentage are making good.

What blood and tears have gone to keep the farm up as well as it is can be known only by those who have gone through the same period. Hours after dark, doing chores so as to keep daylight hours free for field work, hours with young chickens in the spring at a time when children and housework make a full day by themselves for any woman, hours snatched painfully from other tasks to put through, little by little, some needed improvement—these lie behind the progress already made.

The task has taken courage, skill, and endurance. That so many are succeeding is a tribute to the fine qualities of the human stock on corn belt farms. These folks have met the hardest test that has been faced by any farm generation since the late 80's. Their names may never get in the headlines, but they are achieving a victory that makes the ordinary record of success seem about as noteworthy and as difficult as freezing water in January. —Henry Wallace in Wallace's Farmer.

RADIO'S NEW SIGNIFICANCE

From the chaos of conjecture and experiment in the early years of the radio industry and the broadcasting art, a pattern of certainty and the settled outline of a new business and social institution rapidly emerged during the fiscal year 1929.

All observers, within and without the radio industry, agree that the widespread use of broadcast programs by the political parties during the presidential campaign of 1928 firmly fixed the place of radio as a factor in forming public opinion. This fact has had significant influence both in the program making of the broadcasters and in the attitude and action toward radio.

It has made the broadcasters turn their attention to ways and means

of meeting their opportunity and obligation to carry on educational and information service.

The recognition of radio's service in getting facts and opinions to the listening public naturally has increased the desire of persons who have facts or opinions to set forth to obtain broadcasting time. —Milton Eisenhower, director of information, United States department of agriculture.

A RURAL ROTARY CLUB

Community or neighborhood consciousness is expressed in many ways. In Garfield county, Oklahoma, a rural rotary club is the

ter Margaret, who was secretary of the college.

L. G. Haynes, '09, who was in the service of the United States bureau of forestry at Negrito ranger station, N. M., was engaged in running a telephone line "through 30 miles of dense forest and over a very rugged and mountainous country."

THIRTY YEARS AGO

G. G. Wagner, '99, was at Aledo, Ill., caring for the herd of Angus cattle belonging to L. M. Whorter, president of the American Angus association.

Edward Octavius Sisson, '86, dean of Bradley institute of Peoria, Ill.,

Little Pieces of the World

Elinor Wylie in the Literary Guild Manual

Nobody between the ages of 12 and 20 ever has enough books to read. Tradition to the contrary and notwithstanding, these are the great reading years; the fact that they are also the great dancing years and the great skating years and the great swimming years doesn't alter that truth.

If you are sitting over the fire at the age of 70 you will very likely be content according to your sex with knitting or tobacco, and your spectacles may be pushed up on your forehead and forgotten, but if you are 17 you will starve without a novel.

You can, for such is the lucky enchantment of youth, even manage to squeeze satisfaction out of a mail order catalogue or an almanac, but a novel is the true magic, and if it's a good novel so much the better and the whiter will that magic be. Every excellent book builds up a little world of its own, but it is happily given to the young to see this world most brightly and clearly, unobscured by questions of style and tendency, and polished to a sudden glitter by the new eyes which discover it.

If you are beginning to be middle aged, you may have come to believe that it is only serious children, only studious and precocious boys and girls who love to read; perhaps you don't remember, or perhaps you had nothing but seed catalogues or encyclopedias to read when you were 17.

It is the very lively young who are imaginative, and it is the imaginative young who will be most at home in a book, just as they are most at home in school and holidays, in winter and summer, and the whole amusing experiment of life. By all means give these children music and motor cars if you can, but don't forget that there are evenings in December when a plate of doughnuts and a story about distant lands will be precisely what they want, and remember that there are afternoons in June when a pitcher of lemonade and a novel about London will make her perfectly happy.

Books are little pieces of the world observed through the special vision of the men and women who write them; you may give these shining bits of experience to your children within the narrow covers of a dozen novels, and you will have given them a dozen fresh adventures in which to travel, a dozen corners of the earth to make their own and to illuminate with their own quick minds and emotions.

Nobody between the ages of 12 and 20 ever has enough books to read.

means through which this expression is accomplished. A farmers' club, similar in many ways to this one in Oklahoma, long has been functioning in Colorado Springs. In Bates county, Missouri, is another organization which has gone farther than any of these and is doing a truly fine and noble work. —Ray Yarnell in Capper's Farmer.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The Oklahoma stock judging team was coached by Prof. W. L. Blizzard, a graduate of K. S. A. C.

M. E. Hartzler, '14, was working for the Texas company at Port Arthur, Tex., on petroleum engineering work.

Catherine Adams, '14, and J. Laurence Garlough, '16, were married at the home of the bride's mother, Mrs. Rachel Adams, in Manhattan. They were to live at Marion.

TWENTY YEARS AGO

President H. J. Waters and Prof. H. F. Roberts addressed the boys' corn contest association of Shawnee county at Valencia.

E. C. Butterfield, '98, and Mrs. Butterfield came from Washington, D. C., for a visit of several weeks with the latter's parents and his sis-

and Nellie Stowell of Peoria were married by the Rev. Dr. Jenkins Lloyd Jones of All Souls' church in Chicago. Their honeymoon was spent in the south.

FORTY YEARS AGO

The printing department received one of Hardie's newly patented self-supporting mailers.

Professor Popenoe represented the college at the meeting of the southern Kansas farmers' alliance held at Wichita.

Prof. C. C. Georgeson, who had been appointed professor of agriculture at the college, was a graduate of the Michigan State Agricultural college with the class of '78.

FIFTY YEARS AGO

Mr. Graham was spending the holidays near Elmdale at the farm home of Mr. Wood, a member of the board of regents.

James McCormick, f. s., who was studying for the ministry at Evanston, Ill., visited at his home in Junction City.

Doctor Vail purchased the William Goodnow property on college hill, and planned to occupy it the following spring.

It is the mind that makes the man, and our vigour is in our immortal soul. —Ovid.

CLOUD CITIES

Israel Newman in the Nation

They will not share the moldering fame Of cities buried in the dust, These cities that the cranes pile up On girdered steel immune to rust.

They will not rot dim centuries Till men exhume dome, tower, and gate; For cities buried in the clouds The winds dig up; winds never wait.

SUNFLOWERS

H. W. D.

MERRY CHRISTMAS

Maybe there are a million ways to say it, but you never tell all until you have said, "Merry Christmas." Anybody can be different, a few can be distinctive, but somehow—well, "Merry Christmas."

Everybody loves the old-fashioned greeting. It has so bravely and modestly stood its ground. Befogged by subtle circumlocutions, conventionalized pine trees, and worse, it works sweetly on.

Recently the demands of commercialized art and the brave souls of individualists who rejoice in imagining they are free and different have tried to say it in other words and other ways.

Right nobly, forsooth, have they done—now and then. But always they miss the something that satisfies. No one knows just what it is. Nor where to find it—but in "Merry Christmas."

You never miss the water, of course, until the well, etc. And you never miss the something until somebody tries to give it to you in other ways than he can. For after two words have worked on a job for several hundred years, they know how. Upstart phrases blaze brightly for a while and are no more, but not so "Merry Christmas."

Christmas means much, much that is beyond the reach of both brilliance and persistence in thinking. It hints that mind and matter are not all. Forever there is spirit.

Humanity rates ninety cents a head in a mineral way, they say. Or is it nineteen? We are bone and flesh and muscle, tiny cells—electrically powered to behave like human beings.

Reduce thought and emotion to physical chemistry. Who cares? There are yet the incomprehensible urge onward, self-denial, and unfaltering trust—to baffle the test tube.

Insistence upon self looks a bit chemical, one must admit; but not so giving one's life for others. And self-effacement, unless there is some mistake, is the spirit of Yuletide.

Self has been a beneficial motive in the crawl from savagery. It has borne us a goodly distance. But when we were ready Something hinted that it was time to try thinking of others.

That is what we do on Christmas, whether we do it with ermine or penny cards. We remember our friends to wish them well. Even the most selfish forget and remember the poorer, if there are poorer.

Man is more than protoplasm during the days and nights of Santa Claus. With the exception of a few incurable commercialists, he devotes himself largely to giving instead of getting.

All of which makes us stop and ponder what would come if we were to take Christmas from men and women and children. And there is no thought of the profits we might lose.

Scrooge thought differently. But Scrooge and his brethren are amenable to biological chemistry. To the laboratory with them. Forget them and remember "Merry Christmas" aloud. What other words has so much clung to? What other words say it so patly—so as you mean it? Of course not. MERRY CHRISTMAS!

Honest men esteem and value nothing so much in this world as a real friend. Such a one is as it were another self, to whom we impart our most secret thoughts, who partakes of our joy, and comforts us in our affliction; add to this, that his company is an everlasting pleasure to us. —Pilpay.

AGGIE ON WORLD TOUR WRITES OF EXPERIENCES IN HOLY LAND

**H. D. SAPPENFIELD, '26, NOW IN ORIENT, SAYS AMERICAN PEOPLE
GOT JEWISH BUT NOT ARABIAN SIDE OF RECENT
DIFFICULTIES OVER WALLING WALL**

Harold Sappenfield, '26, now enjoying a tour around the world, has visited Europe and is now in the Orient. His sister, Blanche (Sappenfield) Bowman, '20, teacher of English and dramatics in the Eureka high school, sends in the following letter from Harold, written at Jerusalem October 19:

I have been in Jerusalem for about two days now and have found it the most interesting place I have visited as yet.

Yesterday I rode in an auto from Jaffa to Jerusalem—about 50 miles. Passed several camel trains and many herds of goats and cattle. The country is very rocky and dry with little grass and a few scant shrubs. Got into Jerusalem about noon and went to the Y. M. C. A. There I met the secretary who is a young Arab and a very fine fellow. He brought me to an Arabian hotel where I met a boy from San Francisco, U. S. A., named Joe Young. He is studying for the ministry. I am rooming with Joe now and a nicer young fellow I have not as yet met.

NEW VIEWPOINT OF ARABS

The Jews at Tel-Aviv warned me that all the Arabs were bloodthirsty murderers and to stay away from them. But, since coming to Jerusalem and getting the Arabian viewpoint at the Y. M. C. A. and from my room-mate, I have changed my mind. The Arabs are not half bad and here at the hotel they are most pleasant and friendly. The place is very clean and the meals are excellent at very reasonable prices.

We did not get the straight of this Palestine trouble in America at all. What little we did read in the American papers was, of course, from the Jewish standpoint. We thought the Arabs were to blame for all of it. However, there is so much to the problem, I doubt if I can explain it all in a letter. Briefly the trouble is this:

During the World war, England wanted the Arabs to join with the Allies. The Arabs said they would, providing they were given some kind of a voice in the government of Palestine. King George of England, in a proclamation at that time, promised the Arabs this, and so the Arabs fought with the Allies.

Another part of the King's proclamation was that a national home could be established in Palestine for the Jews. This meant that a portion of Palestine should be devoted to the Jewish national home. After the war, Lord Balfour of England interpreted the proclamation in a much different way, and that is causing most of the unrest here.

ARABS HAVE NO VOICE

Not only do the Arabs have no voice in the government, but Balfour declares that the proclamation means that all of Palestine shall be made a home for the Jews. If this should be put into effect it means that 800,000 Arabs would have to be driven from their homes. At present there are only 100,000 Jews in Palestine.

So far the British government has been showing partiality to the Jews who are as much to blame for this trouble as anyone. So it is only natural that the Arabs, fearing they will lose their homes, are prepared to fight. Therefore, Lord Balfour is really back of all the commotion. No doubt he believes he is doing the right thing.

This recent disturbance in August, which resulted supposedly in the death of 119 Jews and 113 Arabs, must be blamed equally on both sides. The Jews were better armed with rifles and revolvers than the Arabs, but there were more of the latter. The trouble first started at the walling wall. As you know, this is an Arabian property. The Arabs, however, permitted the Jews to come there.

JEWS CLAIM WALL

On August 15 the Jews gathered there in very large numbers, raised the Jewish flag, and claimed the walling wall was theirs. This was more than the Arabs could

stand. A fight followed which was put down by the police.

During the week following, a man was secretly killed here and there—first a Jew, then an Arab. Finally, on the next Friday, when a large number of Jews gathered at the wall, the big fight started. It lasted several days because there were not enough police and the British could not get soldiers here fast enough. That is the story briefly. At the present time everything seems to be quite peaceful as far as a stranger is concerned, but it is only because the British have such large numbers of soldiers here. Take away the soldiers and the fighting would start again. I guess the only way for a permanent peace is for England to assure the Arabs that they will not be driven from Palestine. This, however, will displease the Jews, as they want all of it. So England has some proposition on her hands.

Well, to change the subject. Yesterday afternoon I walked through the bazaars or shops of the Arabs and Jews within the city walls. Jerusalem, as you know, has been destroyed and rebuilt a great number of times. The result is that the entire city has been raised many feet and is built on the ruins of former buildings. There are many crooked little streets—some of them arch over like a tunnel—and under the streets can be found old ruined rooms, etc. The shops are all small and each shop has some special article to sell. The people in the streets are extremely interesting. A person could easily believe he was back in Bible times as the costumes have changed so little.

VISITS WALLING WALL

Then I visited the walling wall and saw the Jews' temple wall. It is in three distinct layers, the lowest and largest stones being Jewish, the middle ones Roman, and the upper and smaller ones Arabian. I saw several Jews, men and women, at the wall walling. The men have rings in their ears and wear queer fur turban hats. They face the wall and sway their bodies to and fro as they drone their melancholy chants. It really is pathetic to see them crying because their temple is no more and because its site is defiled by the Arabs.

They have good reason to wail when you think of the great kingdom they once had.

This morning Joe and I and a couple of other young Americans who are studying down here visited a couple of little-known cisterns far below the city. Very few tourists ever see them as they are no longer used but they date back probably to the time of Christ. We went down many old, worn steps underneath buildings to reach them. The cisterns are very large and deep. Then we visited the Holy Sepulchre and Calvary which are located, supposedly, under a very large roof in the same building. There is some dispute as to the exact location, but these have been accepted for many years and are only about 100 feet apart—that is, from Calvary to the sepulchre.

SEES MARY'S TOMB

This afternoon, Joe and I made a long tour outside of the city walls. We passed Jaffa gate, Damascus gate, and went past the cave or grotto of Jeremiah where the prophet wrote his lamentations. Then we passed the gate of Herod where Stephen was stoned. Further down the road we came to the tomb of Mary, mother of Christ. It is in a chapel at the bottom of a long flight of stairs far below ground.

Then we came to a place called the court or chapel of agony where the sweat of Jesus "was, as it were, great drops of blood falling down to the ground." Then we visited the garden of Gethsemane where the old olive trees are probably the same ones as in the time of Christ. We saw the spot where Jesus is supposed to have been on the night of his betrayal and his sorrow. Then we climbed the Mount of Olives from where we were able to see across the valley east of the Dead sea and the valley of the Jordan. There is a won-

derful view of Jerusalem from the Mount of Olives. A person could sit and gaze on the white domes and buildings for hours without tiring.

From here we started down a road that brought us to Absalom's tomb, and a little further on the grotto or cave of James, the apostle, and by it the tomb of Zacharias. As we went down the valley we passed the village of Siloam and the pool of Siloam. Then we walked through the valley of Hinnom, later known as the valley of Gehenna.

ALMOST LOST

From here we followed the wrong trail and got over in a valley way to the southwest of the city. The east side of the valley had many caves and the land was good for little except the raising of goats, of which we saw quite a number. By the time we climbed a couple of big hills it was dark but we were near the city. Altogether our trip covered several miles, but it was one of the most enjoyable days I have spent.

Tomorrow is Sunday and Joe and I are going to the American church in the morning. Then we are going to make a trip around inside the city wall in the afternoon and see the Arabian temples and the throne of Solomon. We are also going to see the place of the Last Supper. Beginning at the place where Christ was condemned to death, we are going to follow the route Christ took to the Cross—the Way of Sorrows. Along the route we will see where the cross was placed on Christ's back, the place where he met his mother, the place where he fell the first time, etc. We will follow the route right to the sepulchre.

Monday morning Joe and I are going to walk to Bethlehem, a distance of about four miles. On the way we will see the place where Judas hanged himself. We will pass the tomb of Rachel and also come to David's well. We will see the field where Ruth met Boaz, and, of course, see the stable where Christ was born. It is also possible to see the place where the shepherds were "watching their flocks by night."

Monday afternoon I am going to Jericho, the River Jordan, and the Dead sea. I will also see Bethany and maybe Hebron.

AMONG THE ALUMNI

Una Morlan, '27, is with the West Nebraska Methodist hospital at Scottsbluff, Neb.

Beth Southwick, '26, is a dietitian in the Cleveland Clinic hospital, Cleveland, Ohio.

Ruth Davies, '29, is teaching physical education in the grade school at Ponca City, Okla.

Orville W. Tripp, '23, is employed by the Southern natural gas corporation, Watts building, Birmingham, Ala.

The address of May (Umberger) Long, '07, is c/o Royal Bank of Canada, San Jose, Costa Rico, Central America.

Victor Reef, '26, whose address is 4436 North Market street, St. Louis, Mo., is a teacher in the public schools of that city.

Earl Wheeler, '05, has accepted a position as general sales manager of the Duddo manufacturing company, Fort Wayne, Ind.

Andrew J. Herold, '16, electrical engineer with Anderson Meyer and company, Ltd., is located at Mukden, Manchuria, China.

Sherman S. Hoar, '28, has been appointed as county agricultural agent of Barton county, with headquarters at Great Bend.

Captain Henry D. Linscott, '16, and May (Rich) Linscott, '18, may be addressed c/o Second Brigade Marines, Managua, Nicaragua.

Viola Grace Hart, '29, is a student dietitian at Michael Ruse hospital, Chicago, Ill. Miss Hart writes that she likes her work very much.

Harold I. Hollister, '27 and '28, has been appointed assistant marketing specialist for the United States department of agriculture with headquarters in Kansas City, Mo.

Roy Bainer, '26 and '29, is assistant professor of agricultural engineering and assistant in the agricultural experiment station at the University of California, Davis, Calif.

Dr. Glenn A. Riley, '16, and Mrs. Riley, of Lincoln, Neb., visited last

week with relatives in Manhattan en route to Los Angeles, Calif., where Doctor Riley has accepted a position.

Merle W. Bloom, '27, is assistant agricultural engineer at the college of agriculture, Fayetteville, Ark. Bloom was formerly with the General implement company of Racine, Wis., as experimental engineer.

Amanda Rosenquist, '20, is teacher of foods in the home economics division of the South Dakota State Agricultural college, Brookings, S. D. For the last three and one-half years Miss Rosenquist has taught in the Topeka schools.

R. T. Hermon, '27, was a vacation visitor at the college recently. He was recovering from an operation for appendicitis and on his way to his job with the Southwestern Bell telephone company of St. Louis, Mo., where he is in charge of private branch exchange specifications.

Theodore Hogan, '24, has succeeded his father, Thomas Hogan, as president of the Hogan milling company at Junction City. Hogan has had six years experience with the Southwestern milling company of Kansas City, and he resigned as assistant general manager of that company to take the position in Junction City. He is the youngest mill head in Kansas.

MARRIAGES

RUSSELL—GREENE

Lois Russell, '29, and Ogden W. Greene, '29, were married September 29 at the home of the bride's parents in Manhattan. Mr. and Mrs. Greene are making their home in Pratt.

NEAVITT—FULTON

Mrs. W. A. Neavitt has announced the marriage of her daughter, Mary, Baker university, to W. Clarence Fulton, '23, at her home in Atchison August 28. They are making their home on a farm near Harper.

FULTON—CIRCLE

Mr. and Mrs. W. C. Fulton have announced the marriage of their daughter Gertrude, '25, to Ray S. Circle, '23, at their home near Harper July 17. Mr. and Mrs. Circle are at home on a farm near Hazelton.

ROCKWELL—GRUBB

Myrna M. Rockwell, Manhattan, and Roderic Grubb, '29, Kanopolis, were married July 20 at the First Baptist church in Wichita. Mr. and Mrs. Grubb are at home in Wichita where they are employed by the Coleman company.

JUSTICE—FULKERSON

The marriage of Carrie Justice, '27, to George Fulkerson took place October 12 at the home of the bride in Olathe. Mrs. Fulkerson taught home economics in the Cimarron high school the last two years. Mr. and Mrs. Fulkerson are making their home in Cimarron where Mr. Fulkerson is in the lumber business.

BURTIS—RICE

The marriage of Penelope Burtis, '24, to Andrew Rice will take place December 20 in New York City. Both Miss Burtis and Mr. Rice received the degree of Ph. D. from Columbia university in 1928. Miss Burtis has been with the association for improvement of the condition of the poor in New York City for the last year, and Mr. Rice is a teacher of chemistry in Pratt college, Brooklyn. The couple will make their home at 289 Clermont avenue, Brooklyn.

DEATHS

ROE

Mary Frances (Carnell) Roe, '97, died in Dorrance October 17. She is survived by her husband, A. W. Roe, who was a student at K. S. A. C. in 1891, and who is now a druggist at Dorrance.

HENDRICKSON

Mr. and Mrs. George Hendrickson of Manhattan received word December 7 of the death of their son Guy, '14, in a hospital at Rock Springs, Wyo. Death resulted from heart trouble. Hendrickson is survived by his parents, his wife, and three children.

K Fraternity Elects

K fraternity held election of officers Monday night, November 11. A. H. Freeman was elected president; James Yeager, vice-president; and K. C. Bauman, secretary-treasurer.

RECENT HAPPENINGS ON THE HILL

Sigma Tau, honorary engineering fraternity, has announced the election of 17 juniors and seniors. Election is based on scholarship and activities.

The last regular meeting before the holidays of the Black Shirts, K. S. A. C. organization of non-fraternity men, was held Wednesday evening, December 11.

Sigma Nu is now in first place in the intramural athletic race, according to L. P. Washburn, head of intramural sports, by virtue of a successful soccer season and figuring high up in the list in the horseshoe contest.

Prof. L. E. Melchers, head of the department of botany and plant pathology, spoke at the Science club meeting last week on the subject "Life and Scenes Along the Nile." The talk was illustrated by lantern slides.

Seven students of the department of music were presented in recital last Tuesday at the college auditorium. They were: Edna Findley, Lesta Lawrence, Lucile Correll, Margaret Spencer, Albert Buder, Ruth Thomas, and Gladys Mortensen.

The Royal Purple sales contest was won by the Beta Phi Alpha sorority, it was announced last week. This permits them to enter five girls in the beauty section competition of the 1930 Royal Purple. Alpha Delta Pi placed second, and Delta Delta Delta third.

The annual dinner for the foreign students attending college given by the Kiwanis club was held at the Wareham hotel last Tuesday night. The guests were welcomed by the president of the club, Dr. L. E. McFarlane, and the response was by Flor B. Zapata, Philippine Islands.

Members of the Wesley Foundation league at the Methodist church presented a play, "The Valiant," in the social rooms of the church at 6 o'clock Sunday evening. The cast included Warden Holt, Henry Walter, Chaplain Daily, Edgar Miller, James Dyke, Charles Funk, Josephine Paris, Arla McBurney.

A K. S. A. C. rural press team edited the Beloit Gazette last week. Members of the team were Bryon Herrington, Silver Lake; Lorna Schmidler, Marysville; Harry Dole, Almena; Cloyce Hamilton, Solomon; and Paul Howard, Mount Hope. The paper was a 24 page issue, the largest in its history under present management.

Several changes have been made in the laboratory of the applied mechanics department. A large part of the laboratory will now be devoted to research work. Testing of road materials for the state makes increasing demands. Almost all of the materials used in the construction of highways within the state are tested at K. S. A. C.

Alpha Delta Pi captured the sorority volleyball championship cup recently by defeating the Kappa Delta team 37-22. The Alpha Delta Pi team included Vivien Nickels, Manhattan; Anna Annan, Beloit; Mina Skillin, Frankfort; Helen Halstead, Manhattan; Grace Booker, Clay Center; Frances Jones, Kansas City; Norma Koons, Sharon Springs; Joye Ansdell, Jamestown; Thelma Large, Protection; Frances Ross, Amarillo, Tex.; Margaret Elder, Hutchinson, and Flora Ross, Amarillo, Tex.

Basketball Schedule

Dec. 18—St. Marys at St. Marys.
Dec. 20—Kansas Wesleyan at Salina.
Jan. 3—Colorado college at Colorado Springs.
Jan. 4—Colorado college at Colorado Springs.
Jan. 10—Nebraska at Manhattan.
Jan. 13—Missouri at Columbia.
Jan. 17—Oklahoma A. & M. at Manhattan.
Jan. 21—Oklahoma U. at Manhattan.
Jan. 31—Iowa State at Ames.
Feb. 1—Nebraska at Lincoln.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

Pressure in your automobile cylinder when the gasoline explodes is greater than the weight of a horse.

CAGE SEASON OPENS WITH ST. MARY'S TILT

AGGIE BASKETBALL TEAM PLAYS TWO GAMES THIS WEEK

Four Early Battles Will Get Wildcat Squad in Form for Start of Big Six Season—Competition Will Be Keen

Basketball as it is played by the 1929-30 Kansas Aggies will be displayed for the first time at St. Marys tonight when the Wildcats meet the Knights at the home of the latter.

Competition for places on the team has been so keen that it is difficult to name the starting lineup, as any one of the 14 squad members may be used in the starting five. Indications in early season workouts are that Coach C. W. Corsaut may be forced to recommend a dozen or so letters at the end of the year.

The Wildcats play their second game of the season Friday night against Kansas Wesleyan at Salina. The Wesleyan game has become an annual affair, since the Aggie coach attended the Salina school and there are many followers of K. S. A. C. teams there.

DEFEAT FRESHMEN

Practice against the freshmen was started last Saturday, the varsity running away from the frosh. The freshmen, however, have not worked together and were sent in and taken out five at a time.

Lack of experience will be the principal handicap of the team this year, as from two to four sophomores will be in the game all the time. The Wesleyan and St. Marys games before the holidays will be followed after the Christmas season by games at Colorado Springs with the Colorado college, champions of the Rockies.

Another early season game with Haskell may also be scheduled, to give the Aggies all the competition possible before starting into the strenuous Big Six race. Every conference team with the exception of Iowa State is returning almost intact, and the Iowans have a fine crop of sophomore material with which to supplement their two regulars. Missouri's team is playing its third year together intact, and most of the Tiger players went through high school on the same team. Last year Missouri was second in the conference and Oklahoma first.

OKLAHOMA STRONG

At Oklahoma Coach Floyd McDermott suffered the loss by graduation of Captain Drake, fine guard of last year. It is also reported that the Sooners will not have Shearer, elongated sophomore center of last season. Shearer is eligible though not in college, but may return second semester. Churchill, all around Oklahoma athlete, is playing his last season.

At Nebraska Coach Charley Black is exuding more optimism than over any pre-season outlook since he took charge at Lincoln several years ago. Coach F. C. Allen of Kansas university has Bishop and Thompson, his two mainstays of last year, and good sophomore material including the well known Bausch brothers.

Against the St. Mary's team tonight Coach Corsaut may decide to start Nigro, a regular, and Fairbank, a sophomore, as forwards, Cronkite at center, and Richardson, captain and a regular, with Wiggins in the guard positions.

A. H. (Hoxie) Freeman, football captain and two-letter man, has been going well and may start at guard with Richardson, and Ward Gibbs. Topeka, is a very likely prospect at forward. To name the other starting possibilities would be to name the entire squad, as all the men who make the trip probably will see action.

H. W. AVERY TO NEW POST WITH FEDERAL FARM BOARD

Aggie Alumnus Will Act as Advisor to Cooperatives

Formal announcement has not yet been made, but it has been learned that Herman W. Avery, '91, Wakefield, will be named as an organization specialist for the farm board some time this week. He will travel over this section of the country in the interest of cooperative organization, and act as advisor-general to the cooperatives. The appointment will be effective about January 1.

Avery is a member of the board of directors of the K. S. A. C. alumni

association. He is a member of the state board of agriculture, and formerly was a state senator from his district. Last year he was one of the master farmers chosen by the Capper Farm Press.

Avery is a cattle man, believes in diversified farming, and is a member of the Farm bureau, Farmers' union, and State grange. He also is a member of the board of directors for the Kansas state fair.

PHILIPPINE TEACHING PROVES HARD WORK

Hartmans, Members of White Colony of Eight in Town of 20,000, Enjoy Experiences

Carl Hartman, '28, and Dorothy (Wescott) Hartman, '28, who are both teaching English in the government school at San Fernando, La Union, Philippine Islands, write as follows to Winifred (Brown) Burtis, f. s., '85 to '88, of Manhattan:

"Most folks here sleep during the noon hour (take a siesta) but we work right through. We are so new and green that we hardly look to right or left but work, work, work. However, I never enjoyed work so much, nor worked among more delightful people. I hardly realized that customs, moral standards, and so forth could differ so much.

"There are three American and one Canadian missionaries here; there are also three American teachers, and one 'Hollander'—a total of eight white people in a town of 20,000 natives. The 'Hollander' has been for years in Java, India, China, and speaks eight languages, so he is quite cosmopolitan. You may be sure he is very entertaining. The other American comes from a German speaking home, too, so we have a very interesting time with the Hollander and German practicing German, all of us practicing Spanish, and the native mixture of Spanish, Malayan and English, which is called Ilocano. None of us can speak English anymore. Those of us who once knew a little have forgotten it in this 'Town of Babel'."

EXTENSION SPECIALISTS HOLD FARMERS' SCHOOLS

Emphasize Straw Loft Hog House, Dairying, and Legumes

C. G. Elling, I. N. Chapman, and H. O. Matson, extension specialists, held district pork production schools at Effingham, Ottawa, and Parsons last week. This week they conduct similar meetings at Junction City, Marysville, Concordia, and Colby. Representatives from 35 counties are expected to attend these meetings. Professor Elling reports that part of the program is devoted to an explanation of the straw loft type of hog house which he thinks is a success in Kansas.

Prof. E. B. Wells, soil extension specialist, and Prof. J. C. Nisbet, dairy extension specialist, are conducting a series of legume and dairy schools in eastern Kansas this week. Meetings are scheduled in Miami, Linn, Bourbon, and Allen counties.

Acevedo Sends Chain Letter

Ramon A. Acevedo, '27, who is with the department of agriculture and natural resources, bureau of science, Manila, Philippine Islands, sends a good luck chain letter to Miss Myrtle Zener, secretary to Dean J. T. Willard. Part of the letter is as follows:

A certain Mr. Luis owes his fortune to his having complied with the requirements of this chain. Mr. Alvarez of the city of Victoria was awarded first prize on the last lottery of twenty thousand pesetas within nine days. Cusko and Felix Pontae at the time they received and complied with this chain obtained the first prize of \$10,000 in the Shanghai derby. Francisco Oas, not heeding this chain, met his doom within nine days after he received a copy of this good luck chain.

Vacation Starts Saturday

Winter vacation for the college student body will begin officially at 6 o'clock Saturday afternoon, December 21, and close at 6 o'clock Saturday afternoon, January 4, giving a full two weeks period.

There is no other variety of oats that is equal to Kanota in Kansas and nothing is to be gained by purchasing seed oats that have been produced in the southern states.

MORE THAN 50 AGGIES AT NEW YORK BANQUET

REUNION SUCCESSFUL DESPITE 'FRIDAY 13' Jinx

Alice Nichols, '27, Writes of Festivities Held at Hotel Wolcott, Just Off Fifth Avenue—President Farrell a Speaker

By ALICE NICHOLS, '27

More than 50 Kansas Aggies braved the traffic of New York to meet and eat at the Hotel Wolcott, just off Fifth avenue on Thirty-first street, Friday night, December 13. Friday the 13th—hmp—this banquet certainly exploded that old unlucky theory. The food was good, the company congenial, the talks thoroughly interesting.

President Farrell knew just what we would be anxious to hear and he told us. He told us about K. S. A. C. He told us of the way the standards of scholarship are being improved year by year, of new systems and new courses that are being introduced, and of course he told us about our football team. We New Yaw Aggies go around here on fall Saturday afternoons impatiently waiting for the sports extras with their football results. We have been a little disappointed in figures at times this year but we have never been anything but proud of the Aggies. There's not a cleaner, prettier playing team in the country. We were glad to hear again of the wonderful school spirit out there this year and of the splendid morale and fight of the team.

Dr. R. K. Nabours, who is spending his year of sabbatical leave at the Carnegie research institute, was present and he spoke briefly of the continual flux between rural and urban districts and of how the cities depend upon rural influx for revitalization. A third member of the faculty who was present was Prof. T. J. Anderson.

Alumni and former students present were: Paul H. Fairchild, '86; Wilhelmina Spohr, '97; J. B. Dorman, '96, and Mrs. Dorman; Minnie L. Copeland, '96; Lester Ramsey, '06; Ruth (Neiman) Ramsey, '06; Ethel McDonald, '07; S. G. Fell, '15; Lee Moser, '18; D. C. Tate, '16; Edith (Findley) Tate, '18; Robert Kerr, '18, and Ruth Goodrum, '20.

Mildred Halstead, '22; O. K. Brubaker, '22; A. W. Grudge, '23; H. E. Carter, '23; Florence (Henney) Carter, f. s.; R. W. Sherman, '24; Mildred (Swenson) Ott, '24, and Mr. C. A. Ott; Helen Deely, '25; Frank D. Ruppert, '25; Alex F. Rehberg, '25; Bernice (Noble) Rankin, '25; Mary Brandly, '26; Kathryn King, '26; K. E. Yandell, '26, and Daryl (Burson) Yandell, '29.

Avis Wickham, '27; Gladys Hartley, '22, M. S. '27; Anne Gardiner, M. S. '27; H. A. Bredehoff, '27; Alice Nichols, '27; H. C. Paulsen, '27, and Mrs. H. C. Paulsen; Margaret B. Viers, f. s.; C. L. Erickson, '27, and Olive (Manning) Erickson, '27; H. W. Garbe, '27 (eastern alumni secretary), and Mrs. H. W. Garbe; Jennie V. Nettrouer, f. s.; Irene Bailey,

PROGRESS OF KANSAS PRESS

F. E. C.

If there is value in a clever heading for a department the local column of the Hartford Times should be unusually interesting to Times readers. The heading is "The Ebb and Flow of Those You Know." Three lines in smaller type say "Here Personal Mention of Your Friends, May be Yourself, Too, Will Be Found." A. S. Bernheisel is the Times editor.

The twenty-sixth biennial report of the state board of agriculture, recently distributed, contains numerous stories which may be localized by counties. Many of the facts and figures in the report were combined to make an excellent page one story in Frank Miller's St. Marys Star. Statistics on the growth of the livestock industry and other phases of farming found their way into Mr. Miller's article.

News coverage seems to be what the Recorder at Holton thrives on. Last week's issue contained, in addition to what appeared to be perfect coverage of local news, something more than 50 different groups of correspondence from townships, towns, school districts, and the like around Holton. There were some duplications of districts in this number but evidently the Becks' good standing

'28; Olive Haegge, '29; Mabel McClung, f. s.; C. C. Pickett, '20; William Mitchell, f. s., and Mrs. William Mitchell, Paul McCroskey, William C. Foster, and William McGoonney.

ANNOUNCE SELECTION OF 105 AS CORPORALS

Names of Those Appointed as Non-Commissioned Officers Made Public by Colonel J. M. Petty

Appointment of 105 non-commissioned officers in the infantry unit and veterinary corps of the Kansas State Agricultural college R. O. T. C. has been announced by Colonel James M. Petty, head of the department of military science at the college.

The following list contains the names of the men who will be corporals:

M. W. Allen, Manhattan; C. K. Alsop, Wilsey; E. L. Auker, Norcatur; J. L. Baird, Wellsville; J. R. Bentley, Ford; E. C. Black, Uta; G. I. Boone, Manhattan; R. J. Bryan, Woodbine; V. L. Burch, Manhattan; J. C. Carter, Bradford; B. R. Cathcart, Winchester; J. P. Chapman, Manhattan; L. W. Christal, Kansas City, Mo.; W. A. Coppenhafer, Manhattan; L. Creighton, Manhattan; A. W. Crooke, Great Bend; P. Decker, Holton; T. D. Dicken, Winfield.

D. D. Dixon, Norcatur; M. Ehrlich, Marion; P. E. Fairbank, Topeka; H. L. Fatzner, Fellsburg; F. M. Faulconer, Clay Center; D. M. Filippo, Abilene; F. R. Freeman, Kirwin; C. B. Gibson, Douglass; G. A. Gillespie, Welda; W. P. Glunt, Garrison; G. G. Green, Norton; C. T. Hall, New Albany; M. H. Hammond, Great Bend; J. B. Hanna, Clay Center; O. M. Hardtarfer, Lawrence; D. A. Hays, Manhattan; C. T. Herring, Tulla, Tex.; J. G. Hilyard, Severy.

Z. W. Hook, Manhattan; S. E. Horner, Abilene; L. A. Jacobson, Horton; W. W. Johnson, Axtell; J. H. Johtz, Abilene; J. H. Kelly, Mayetta; G. R. Kent, Wakefield; K. J. Kimball, Manhattan; C. L. King, Olsburg; M. P. Knox, Independence; O. M. Koontz, Jetmore; F. S. Kroger, Holton; E. L. Largent, Oak Hills; J. R. Latta, Holton; H. K. Learned, Plevna; A. I. Mall, Manhattan; C. Manda, Dodge City; F. D. McCammon, Orono; L. D. Morgan, Manhattan.

M. B. Morgan, Manhattan; W. M. Myers, Bancroft; C. W. Nauheim, Hoyt; H. L. Nonamaker, Osborne; W. R. Peterson, Topeka; R. E. Pfuetze, Manhattan; L. A. Pratt, Manhattan; L. A. Rees, Abilene; E. H. Regnier, Spearville; G. Richard, Topeka; J. Romine, Kansas City, Mo.; K. W. Root, Topeka; M. C. Schrader, Olivet; A. M. Schlehuber, Durham; F. L. Schooley, Hutchinson; H. J. Scott, Altoona; O. W. Shoup, Udall; K. J. Silverwood, Ellsworth; H. M. Smith, Bentonville, Ark.

J. D. Smerchek, Garnett; R. G. Spence, Fairbury, Neb.; E. L. Stoneking, Baldwin; H. H. Stump, Blue Rapids; L. W. Teall, Larned; G. B. Telford, Manhattan; C. G. Thompson, Randolph; L. Toadvine, Dighton; O. E. Vignery, Concordia; D. M. Walker, Anthony; F. H. Walker, Salem, Mass.; M. A. Wickham, Manhattan; G. S. Wiggins, Lyons; J. L. Wilson, Geneva; J. D. Youle, Winfield; R. A. Zebold, Pine Bluff, Ark.

Veterinary corps—H. W. Avery, Wakefield; L. E. Boley, Topeka; V. H. Clark, Montrose; B. H. Dean, Manhattan; L. K. Firth, Manhattan; J. L. George, Mulberry; J. L. Hark, Stanton, Neb.; H. P. Hartzell, Manhattan; H. K. Hudson, Manhattan; W. L. Jones, Manhattan; R. H. Jurden, Manhattan; W. O. Kester, Manhattan; F. F. Schmidt, Junction City; W. A. Thompson, McCune.

Surmelian to Write Again

Edward (Eugene) Surmelian, f. s. '22 to '25, of 411 East Twenty-third street, Los Angeles, Calif., author of an article entitled "Kansas State Agricultural College," which appeared in the September issue of the College Humor magazine, has been asked to submit to that magazine another article on "The Foreign Student."

MAKERS OF ICE CREAM MAY MEET HERE AGAIN

LIKED PROGRAM SO WELL THEY VOTE TO RETURN

Educational Conference Sponsored by College Devoted to Vanilla Cream—Martin Reports Samples Were of Uniform Composition

Two hundred commercial creamery men and representatives of manufacturing concerns attended the tenth annual ice cream conference, sponsored by the college last week in connection with the annual meeting of the Kansas Ice Cream Manufacturers' association. The association meetings were held in the community house down town but visitors came to the college Friday morning for the ice cream scoring conference.

Thirty-four samples of vanilla ice cream sent in by Kansas and Missouri manufacturers were analyzed for butterfat, total solids, acidity, and bacteria count. The visiting ice cream manufacturers took a genuine interest in the samples which had been judged by A. C. Dahlberg, chief of dairy research at the Geneva, N. Y., station; R. L. Hammond, secretary of the Chicago Ice Cream institute, and Prof. W. H. Martin of the college dairy department.

BACTERIA CONTENT LOW

Composition of the ice cream was uniform, Professor Martin reported. The average butterfat content was 12.3 per cent and the total solids content was 37.23 per cent. Four samples had a bacteria count of more than a million, although most of the samples had less than 100,000 bacteria per cubic centimeter. It was found that as a source of serum solids only those materials which have been properly stored and reasonably fresh should be used.

Results of research work on orange sherbet were explained by W. J. Caulfield of the dairy department. The sherbet formula has been worked out on a percentage basis for various ingredients, resulting in a more uniform product than is possible under the practice of using small batches.

The two day program—Thursday and Friday—was made possible by the combined efforts of association officials, the state board of agriculture, the Manhattan chamber of commerce, and the college. Visiting ice cream makers were so well pleased that they voted to return to Manhattan again next year, although final action on the suggestion has been left up to the executive committee.

MARTIN IS SECRETARY

Association officers elected were P. O. Hoffman, Salina, president; B. T. Perkins, Pittsburg, vice-president; W. H. Martin, K. S. A. C., secretary-treasurer. Mr. Perkins had served the association as its secretary for the previous nine years.

Dean L. E. Call addressed the creamery men on "Changing Agricultural Conditions in Kansas." Several social meetings and smokers, with teas and bridge for the women visitors, were a part of the two day program.

ENGLISH TEACHERS ATTEND NATIONAL COUNCIL MEETING

Sessions in Kansas City Draw Record Attendance

Professors H. W. Davis, Ada Rice, Robert W. Conover, J. O. Faulkner, Anna Sturmer, and Annabelle Garvey; and Miss Nellie Aberle, Miss Katharine Bower, and Miss Myra Scott attended the meeting of the national council of teachers of English, which held its nineteenth annual session at the Hotel Baltimore, Kansas City, Mo., during the Thanksgiving holidays.

The national council includes high school and college teachers. The meeting in Kansas City was the first annual convention of the council to be held west of the Mississippi river. The attendance of more than 700 was a record for the organization. Much of the credit for bringing the meeting to Kansas City is due to Prof. E. M. Hopkins of Kansas university.

Final Big Six Standings

	W.	L.	T.	Pct.
Nebraska	3	0	2	1.000
Missouri	4	1	1	.750
K-Aggies	3	2	0	.600
Oklahoma	2	2	1	.500
Kansas U.	2	3	0	.400
Iowa State	0	5	0	.000

The most expensive job of field terracing costs the owner less than \$5 per acre.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, January 8, 1930

Number 14

SEES GREATER USE OF ELECTRICITY ON FARM

HINRICHS DISCUSSES RURAL RE- SEARCH WORK

Electric Power from Central Generat-
ing Stations Must Be Used Exten-
sively and Wisely to Make
It Net Profits

Electric service from central gener-
ating stations remained economi-
cally impracticable as long as the
conception of such service included
only lighting and socket power de-
vices, writes H. S. Hinrichs, former
assistant agricultural engineer of the
engineering experiment station at K.
S. A. C., in an article appearing in
the twenty-sixth biennial report of
the Kansas State board of agricul-
ture.

Investigations carried out during
four and one-half years have shown
that there are, however, many addi-
tional uses for electricity on the
farm, according to Hinrichs. When
electric service is used for such a
variety of purposes in sufficient quan-
tities it then becomes possible for
the power company to supply the
service at rates which net the farmer
a profit from its use and at the same
time a fair return to the company.

Hinrichs did experimental work in
the Kansas rural electrical labora-
tory, consisting of nine farms lo-
cated in Pawnee county, Kansas. The
laboratory was established in 1925
by the engineering experiment sta-
tion of the Kansas State Agricultural
college in cooperation with the state
board of agriculture, Kansas univer-
sity, Kansas State Farm bureau,
Kansas State grange, the Farmers'
union, and the Kansas section of the
National Electric Light association.

SHOULD AVOID WASTE

"The success of rural electrifica-
tion depends upon a liberal use of
electric energy by the farm custom-
er," Mr. Hinrichs' article continues.
"In so far as information is avail-
able today, that is the only basis on
which it can be made a practicable,
workable enterprise.

"The extensive use of electricity on
the farm must not be confused with
wasteful use of such energy, nor with
its application to those operations for
which suitable machinery is as yet
undeveloped. There are uses of elec-
tricity for which it is cheaper than
other sources of energy, or which are
performed more effectively by elec-
tric power, or which can be done with
so much less human effort when elec-
tricity is applied.

"The use of relatively large
amounts of electricity on a farm does
not need to result in increasing the
expense of farming nor of farm liv-
ing. On the other hand, the efficient
use of electricity for certain opera-
tions reduces the cost below the cost
of doing them with other sources of
energy. The result is to increase
rather than decrease the net income
of the farm."

MUST BE USEFUL FIRST

A common misconception of elec-
tric service which exists today is that
it is only a convenience or luxury to
be obtained when it can be afforded
as such, Mr. Hinrichs believes. It is
too often considered primarily from
the standpoint of the farm home,
that is, as a very desirable improve-
ment in farm home surroundings
which, however, adds to the cost of
living. Mr. Hinrichs would not mini-
mize the value of electric service
from this viewpoint, because he feels
no group of citizens is more entitled
to these comforts and conveniences
and the same high standard of liv-
ing enjoyed by industrial and pro-
fessional workers than the farmer
and his family. Nor does any other
source of energy satisfy these de-
sires as completely as can electric
service.

"However, if we consider electric
service only or even primarily from
the standpoint of the farm home, its
economic value is sometimes hard to
justify," the agricultural engineer
has found. "If on the other hand,
the utilization of electric power de-
creases certain farming costs, and
thereby increases the net returns

from farming, then these comforts
and conveniences cannot only be bet-
ter afforded, but they can be secured
at a lower cost than if they are the
only uses of electricity on the farm.
The farm is both a home and a busi-
ness. When electricity is applied to
the business of farming and the busi-
ness thereby returns a larger net in-
come, the social advantages of elec-
tric service can also be the more com-
pletely realized.

HOW FARMERS USE IT

"How, then, may electricity be ap-
plied to the farm business in such a
way as to increase the net returns?
The following examples are taken
from actual farm experiences: On
one farm with a small dairy herd of
from 10 to 12 cows, an electrically
operated milking machine costing
\$200 used, in round figures, 75 cents'
worth of electricity per month. Inter-
est, depreciation, and repairs
added another \$4.75, making a total
of \$5.50. This machine saved, ac-
cording to carefully conducted tests,
40 hours of the farmer's time as com-
pared to the time required to milk
by hand. At 30 cents per hour this
has a value of \$12, or a net saving
of \$6.50 per month.

"On the same farm, turning the
cream separator required 20 minutes
per day. This represents 10 hours
per month, worth \$3. An electric
motor costing \$20 now does this
work for 15 cents' worth of electri-
city, or a total cost of 50 cents per
month, including overhead charges.
This is a net saving of \$2.50 per
month.

"On still another farm, where
5,000 lambs were being fattened, an
automatic water system, costing less
than \$100, saved at least an hour a
day formerly required for looking
after the water supply. The cost for
electricity was 5 cents per day. The
net saving above all costs was \$5 to
\$6 per month. Electric lighting in
this same sheep feeding barn made
it possible for some of the lambs to
feed at night and thereby enabled
the farmer to feed 5,000 lambs in a
plant ordinarily having a capacity of
only 4,000.

PUTS FLOCK TO WORK

"On a poultry farm the lighting of
the laying houses during the winter
months, November to February, in-
clusive, increased the egg production
at the time when prices were high-
est. A net increase in returns of
\$5.25 to \$17.50 per 100 hens per
month, or from \$21 to \$69 per 100
hens per season, was the result."

These are typical examples taken
from actual farm experiences. In
those cases where savings are indi-
cated on the basis of labor eliminated
the dollars and cents value of the
time saved depends upon its profit-
able employment elsewhere, Hinrichs
points out. It is a matter of record
that the amount of money expended
for hired help has been reduced on
the farms from which the experi-
ences are reported. During the busy
season, particularly, time allotted to
chores and thereby taken from pro-
ductive labor is expensive.

ARE MAKING PROGRESS

"Rural electrification is not a cure
for all farm ills, nor is it to be avail-
able to thousands of farms over-
night," the author concluded the ar-
ticle. "The financing of rural elec-
tric service is a major undertaking
for both power companies and farm-
ers. It must be done carefully and
wisely if it is to be of permanent
and lasting benefit. Progress is being
made. There is a much more thor-
ough understanding of the problem
by both farmers and utilities. At
least six of the power companies op-
erating in Kansas, whose territory
includes fully two-thirds of the area
of the state, have established new
policies pertaining to rural service,
have new plans for financing lines,
and have rates adopted to the farm-
ers' requirements. Some have estab-
lished rural service departments for
the express purpose of carrying out
a carefully developed program of
rural electric service which will be
profitable to the farm customer as
well as the company. Upon such a
basis electric service for the farm
can be expected to expand."

STATE VETERINARIANS GUESTS OF COLLEGE

TWO HUNDRED ATTEND OPENING SESSION OF CONVENTION

President and Past President of Ameri-
can Veterinary Medical Association
On Program for Two-Day
Gathering Here

The twenty-sixth annual meeting
of the Kansas Veterinary Medical as-
sociation got under way at the col-
lege Tuesday morning, January 7,
with the address of the president,
Dr. E. F. Kubin of McPherson. Fol-
lowing the report of standing com-
mittees, the address of welcome to
the association was delivered by
President F. D. Farrell of the col-
lege, and the response was made by
Dr. S. L. Stewart, Olathe.

Registration yesterday was ap-
proximately 200, which was said to
be unusually good for the state meet-
ing.

Talks given in the Tuesday morn-
ing session were "Pulmonary Oede-
ma in Cattle," by Dr. S. E. Hayes,
of Hutchinson, and an illustrated lec-
ture on "Local Anaesthesia," by Doc-
tor Dykstra. At the Tuesday after-
noon session Dr. H. F. Lienhardt of
the college was to present the topic
"A New Shipping Fever Project,"
and discussion of it was to be led by
Commissioner J. H. Mercer, of To-
peka, whose topic was "Shipping
Fever from the Standpoint of the
Livestock Owner."

Other talks on the Tuesday after-
noon schedule were by Dr. J. R.
Weiner of Kansas City, Mo., with dis-
cussion led by Dr. N. A. McCosh,
Randolph; Colonel J. R. Stancil, of
Fort Riley; Dr. T. P. Crispell, Par-
sons, with discussion led by Dr. E.
W. Fitch, Eureka; Dr. James F.
Adee, Topeka, and a final afternoon
lecture, "Diseases and Surgery of the
Udder of Cows," by Dr. T. H. Fer-
guson, Lake Geneva, Wis., president
of the American Veterinary Medical
association.

The banquet of the association was
held last night, with Doctor Kubin as
toastmaster. Responses to toasts
were by Colonel Stancil, for the
army; by Dr. P. B. Darlington, for
the state association, and Doctor
Ferguson, for the national associa-
tion. Other lectures and a business
session were on the program for this
morning, and a clinic will be held
this afternoon.

Among those on the clinic program
are Dr. A. T. Kinsley of Kansas City,
Mo., a past president of the American
Veterinary Medical association.

Dr. R. R. Dykstra of K. S. A. C.
was in charge of the program com-
mittee for the meeting. He was as-
sisted by Dr. S. L. Stewart and Dr.
A. H. Gish.

J. L. JOLLY FOUND DEAD IN FAIRCHILD BASEMENT

Had Been an Employee of College
Since 1902

J. L. Jolly, 76, an employee of the
college almost continuously since
1902, died while on duty about 6:30
o'clock Monday morning, December
23. He was a member of the cus-
todian's staff and was found dead in
the basement of Fairchild hall short-
ly after reporting for work. Death
was believed due to heart disease.

Both Mr. Jolly and a son, Guy
Jolly, are well known to students
and former Aggies. Surviving are
the widow and six children. Funeral
services were from the First Metho-
dist Episcopal church Thursday, De-
cember 26, and burial was in Sunset
cemetery.

Aviation Editor

L. W. Youngman, '27, formerly
employed in Manhattan and later a
European tourist, visited the campus
recently on his way to the home of
his parents in Harveyville. "Doc"
has charge of aviation news and is
on the city staff of the Omaha (Neb.)
World-Herald.

The more the farmer uses high
priced machinery, the better the in-
vestment.

Vet Leaders to Speak

Two of the 11 American veteri-
narians chosen as presumable leaders
in their fields to speak at the ele-
venth international veterinary con-
gress in London, August 4 to 9, 1930,
are Kansas Aggie graduates. They
are Dr. W. A. Hagan, '15, Ithaca, N.
Y., and Dr. F. A. Beaudette, '19,
New Brunswick, N. J.

HOWE DISCUSSES WORK OF TAX COMMISSION

Series of Radio Talks Cover Tax Law
and Administration Program
Proposed for State

The state tax code commission
which recently made its report to
Governor Clyde Reed made 15 recom-
mendations, according to Prof. Har-
old Howe, of the department of agri-
cultural economics. Among these
recommendations is a state income
tax, for the improvement of the Kan-
sas tax system.

"Tax revision has been discussed
for many years in Kansas, but not
until 1928 did it become a major
political question," says Professor
Howe. "Kansas was one of the earli-
est states to realize the necessity of
state control and is today in advance
of other states in the state supervi-
sion of assessments and taxation.

"The deep and growing complaint
of high taxes is due largely to the
fact that the tax base has not been
extended correspondingly with the
economic development of the state,
causing discouragement of the land
and home owners, upon which the
present system is based.

"The commission has suggested
tax laws in accord with the present
economic order, and a tax admin-
istration that will carry out these
laws. If the recommendations are
made into laws they will increase the
revenue, and at the same time result
in a greater equalization of the tax
burden."

Professor Howe assisted the com-
mission in making their study and
compiling their report. He is giving
a series of radio talks on the subjects
treated in this report, each Tuesday
and Thursday afternoon at 5:15
o'clock over station KSAC.

SOIL EROSION PROJECTS WILL START AT HAYS

Prof. F. L. Duley Aids in Making Plans
for Study of Various Pre-
ventive Measures

One of the government experiment
stations for soil erosion and water
conservation is being established in
connection with the agricultural ex-
periment station at Hays, Kan. Prof.
F. L. Duley of the department of
agronomy, Kansas State Agricultural
college, has been helping to perfect
plans for the experiments.

The government has appropriated
\$160,000 for experimental work with
soil erosion and water conservation.
This amount will be divided among
the bureau of public roads, bureau
of chemistry and soils, and bureau
of forestry. The stations located to
date are in this part of the country,
there being one in Oklahoma, two in
Texas, one in northwest Missouri,
and the one at Hays. Other stations
are planned for various sections of
the country.

The Hays station, which is a co-
operative project between the Kansas
State Agricultural college, the bu-
reau of public roads, and the bureau
of chemistry and soils, has 240 acres
for these experiments. Professor
Duley will help experiment with var-
ious methods of controlling erosion,
such as adjusting the cropping sys-
tem, leaving the surface in condition
to absorb water, and using terraces.
A number of small plots will be laid
off, from which soil losses and actual
runoff of water will be determined.

Telephone wires in the United
States will reach around the earth
1,000 times. Forty-nine years ago
there were two people engaged in
the telephone business. Today there
are 300,000 in the United States
alone.

BIG SIX BASKETBALL SEASON OPENS FRIDAY

KANSAS AGGIES VICTORIOUS IN FOUR EARLY GAMES

Wildcats Meet Nebraska in Nichols
Gymnasium Friday—Husker Team
Composed Entirely of Veterans,
Rated Title Contenders

Undeclared though given a close
game by Colorado college in a game
last Saturday night, the Kansas Ag-
gie basketball team will open the Big
Six season against Nebraska univer-
sity January 10, in Nichols gymna-
sium. Nebraska, with an all-veteran
team, is rated as a contender for the
conference title this year.

All the members of the squad got
into the opening game against St.
Marys college, December 18. Nigro
found the basket early and led the
scoring. St. Marys presented a tight
defense but suffered from stage
fright in scoring attempts. The Ag-
gies hit well from long range. The
score was 36 to 18.

The box score:

K-Aggies (36)			
	G.	FT.	F.
Nigro, f	4	4	2
Russell, f	2	1	1
Cronkite, c	2	0	1
Richardson, g	1	1	1
Auker, g	0	0	4
Schooley, g	0	0	1
Gibbs, f	0	0	3
Forsberg, f	0	0	0
Vohs, f	0	0	2
Silverwood, f	0	0	0
Fairbank, c	0	1	4
Weller, g	0	0	1
Freeman, g	1	2	0
Wiggins, g	0	0	1
Totals	12	12	19

St. Marys (18)			
	G.	FT.	F.
Colona, f	3	2	2
Jeger, f	1	1	1
Welsner, c	1	2	3
Colds, g	0	0	2
McMinn, g	0	1	2
C. Werth, f	0	2	1
I. Werth, f	0	0	1
Massey, g	0	0	0
Kelley, g	0	0	0
Cantillon, g	0	0	1
Totals	5	8	13

Referee, Leslie Edmonds, Ottawa.

WESLEYAN SECOND VICTIM

The Kansas Wesleyan gymnasium
at Salina, Coach C. W. Corsaut's
home town, was packed for the sec-
ond game December 20. Nigro again
led the scoring, with Captain Rich-
ardson a close second and Silverwood
not a bad third. Final score, K-
Aggies 32, K. W. U. 19.

The box score:

K-Aggies (32)			
	G.	FT.	F.
Nigro, f	5	1	2
Russell, f	0	0	2
Cronkite, c	2	0	2
Richardson, g	5	0	1
Auker, g	0	0	2
Vohs, f	0	0	1
Silverwood, f	3	0	2
Gibbs, c	0	0	2
Weller, g	0	0	1
Freeman, g	0	0	0
Wiggins, g	0	0	0
Fairbank, g	0	1	0
Totals	15	2	15

Kansas Wesleyan (19)			
	G.	FT.	F.
Jilka, (C) f	2	3	2
Lagerberg, f	1	3	2
Hoisington, c	1	3	0
Johnson, g	0	1	0
Williams, g	0	1	1
Kinnamon, c	0	0	0
Boxberger, g	0	0	0
Totals	4	11	5

Referee, E. C. Quigley, St. Marys.

SILVERWOOD GOES WILD

Kermit Silverwood of Ellsworth,
forward, whose specialty in the past
has been defeating Kansas university
with a few well placed shots, appar-
ently was laboring under the impres-
sion he was playing the Jayhawks in
(Concluded on page 4)

First Nurserymen's School

Nurserymen of the state are today
and tomorrow attending the first
Kansas State Agricultural college
nurserymen's school, offered by the
department of horticulture. Members
of the college faculty are the princi-
pal speakers during the two day
course in nursery management. E.
W. Johnson, forest nurseryman at
the Hays station, and C. A. Scott,
nurseryman of McPherson, also are
on the program. A banquet features
the program tonight.

There's a crop for every soil—be
sure you use the right one.

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R. I. THACKREY.....Assoc. Editors
KENNEY L. FORD.....Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, JANUARY 8, 1930

OUR COLLEGE SPORTS

From several sections of the country suggestions have been made recently for a complete revising of the theory under which intercollegiate athletics have been conducted in the United States.

One frank athletic director proposes that teams be placed on a professional basis, that the athletes be remunerated as they are in organized baseball or professional football, and that teams be maintained as an advertising asset to the institutions they represent. In this way, he believes, the almost annual scandals, such as that which recently resulted in the suspension of the University of Iowa from the "Big Ten," could be entirely avoided.

Another would not go quite so far, but he believes that good athletes should be supported by scholarships during the time they are in college, and that they should be exempted from rigorous scholastic requirements, inasmuch as they have little or no time to devote to the pursuit of non-athletic branches of knowledge.

It was not to be expected that either of these suggestions would be welcomed by college authorities, but there is, nevertheless, room for serious reflection in the idea that college athletics should be placed on a basis different from that on which they now, in theory, rest.

If star football teams, capable of attracting enormous "gates," and yielding tremendous revenue, were maintained for their advertising value, for their revenue-producing capacity, and for their entertainment possibilities, much painful scandal could be avoided. The athletes themselves would be openly paying their way by their prowess in their chosen fields, and if they could be given athletic diplomas containing no pretense of scholastic attainment, it would conduce to the peace of mind of faculty supervisors of athletic purity.

Of course, nothing of the kind will be done, for the present, or for some years, but eventually something of this nature will have to be done or else the present emphasis on college athletics must be reduced.

MEAT ANIMALS IN KANSAS

The importance of livestock, particularly meat animals, as a phase of Kansas agriculture is not appreciated by many persons, especially bankers and newspapermen, largely because there is in Kansas no adequate system of securing data relative to livestock production and sales as in the case of grain crops. Fortunately, however, a few years ago the bureau of agricultural economics of the United States department of agriculture began keeping records of the origin of all livestock arriving on the central markets of the country. At the end of the year data are compiled for each state showing the number of animals of the various classes sold on these markets. Market agencies in turn figure out the average price paid per head for the different classes of livestock received. Multiplying these two factors together gives an accurate figure for the yearly income received from livestock sold on such markets by different states.

The income received by Kansas for meat animals sold on the central markets in 1928 was \$211,918,000. In addition to the meat animals sold

on the central markets, thousands, of which there is no definite record, were sold to the 27 local packing plants and innumerable local butchers within the state. The income derived from these animals added to the income from those sold on the central markets would make an estimated gross income of at least \$250,000,000 for the year 1928, and when figures for 1929 are available they will probably show an even greater return.

Kansas agriculture has been developing rapidly during the past few years but not at the expense of livestock production, as many reports would have one believe. As a matter of fact one finds on comparing the pre-war with the present situation that the income from meat animals has increased to a greater extent than that of any other major Kansas farm product. This decided increase is due to two factors in particular, namely, an increase in the quality of the animals produced and an increase in intensive production that compensates to a large extent for the decrease in intensive production.

Another matter that is often overlooked is the fact that livestock furnishes a market for crops produced in the country as a whole that represents 52 per cent of the value of all the crops of every kind and nature harvested on all the farms in the United States. Even the wheat farmer must depend to a very large extent upon livestock as a factor in determining the price he gets for his product, for at the present time livestock furnishes a market in the form of bran, shorts, and low grade and low priced wheat for approximately 40 per cent of all wheat harvested.

ART

Favorable comment on the water color, "Freighters," by John F. Helm, Jr., of the college department of architecture, was made in the art columns of the Washington Post for Sunday, December 15. "Freighters" is clear and crisp with an excellent sense of construction in the hulls of the ships that loom against the background," was the comment of Miss Ada Rainey, critic.

The water color was part of the thirty-fourth annual exhibition of the Washington water color club, the Corcoran galleries, last month. A water color, "Autumn Hills of Kansas," and an etching, "Old Apple Tree," both by Mr. Helm, also were on exhibit at the show.

"Freighters" was painted in Montreal last summer.

Of the show as a whole Miss Rainey said, "It is a vivacious, pleasing, and thoroughly enjoyable show. It is the most important looking expression of the club for a long time."

PROSPERITY ITEM

The farmer who has specialized on the cow, the sow, and the hen, has had a good year in 1929 in spite of the low price for butterfat in these late weeks.

The records will show that for dairy products the farmer has received approximately a billion and a half this year—which is very little short of the record year of 1928.

The egg money in 1929 will reach 10 million dollars more than the \$560,000,000 in 1928 and the poultry sales will surpass the \$280,000,000 of last year.

There has been an overproduction of butter in 1929 and the year will close with approximately 110,000,000 pounds of butter in storage as compared with 70,000,000 a year ago. Until consumption catches up in a way with production the butterfat market will sag and producers will probably start 1930 with continued low prices.

The supply of hogs next year will be smaller than in 1929 by about a million and a half, the pig survey of the corn belt states shows. That probably means continued prosperity for the hog man next year. The prediction is that the sale of hogs for slaughter may fall as much as three million head short of the 1929 record.

When poultry houses began springing up as by magic around here seven years ago a lot of farmers began predicting overproduction, but the price paid for eggs now is probably the highest on record for this time of year and the records at the four greatest egg markets show a shrinkage of 3 per cent in receipts for 1929. The price for eggs has averaged 5 per cent over 1928.

The poultry profits in 1930 may

not measure up to 1929 because there has been an increase in the number of hens per farm—an increase of probably 5 per cent.

But you can put this down in your little book—the farmer who has cows and hens and sows in 1930 will be the fellow who will have money to jingle in his old jeans when another Christmas season rolls around.

—Parsons Sun.

UNENDURABLE TRUTH

Nietzsche once observed that the great question for the future was whether mankind can endure the truth. He himself could often hardly endure the idea that there is a truth at all. Rather than bow in anticipation to so remote and austere an authority, he was accustomed to give the name of truth to any historical vista or any exciting postulate which happened to strike him. Such indeed is the common expedient of those who fear that the truth might prove unendurable. Very few would

sociation for the southwest with headquarters in Kansas City.

Carl Breese, '12, received his discharge from the army and was employed as engineer in the Searchlight unit, Carlstrom field, Arcadia, Fla.

TWENTY YEARS AGO

J. H. Criswell, '89, was instructor in agriculture in a school at Winona Lake, Ind.

Adriano Alcazar, '09, was employed in the bureau of public works in the Island of Panay. His work consisted of road construction.

G. H. Failyer, '77, for many years professor of chemistry at the college, and then one of the chemists of the bureau of soils, was elected president of the Washington, D. C., section of the American Chemical society.

THIRTY YEARS AGO

The state oratorical contest set for February 23 was to be held in Emporia.

Assistant D. H. Otis of the farm

A Cause of Unemployment

From "Introduction to the Study of Labor Problems" by Gordon S. Watkins

Inequalities in the distribution of wealth and income mean that the great mass of population is deprived of purchasing power, while a minority have more of such power than they can use and must invest their surplus in productive enterprises. This results in further concentration of wealth and greater disparities in the distribution and incomes. A few live in affluence, while the many are inadequately fed, poorly clothed, badly housed, and uneducated. In view of such disparity it is idle to speak of overproduction as the cause of unemployment; rather it is the lack of buying power on the part of the majority of the population. The home market remains undeveloped so long as many people are unable financially to purchase the bare necessities, to say nothing of the reasonable comforts of life. An impoverished population is a poor trade asset; the relative inability of the wage earning classes to buy is a direct cause of the discounting of the home market and the resulting unemployment. It is well to remember that not only lack of purchasing power curtails demand for the products of industry and causes unemployment, but also that unemployment in turn decreases further the ability to purchase and the necessity for production. Unemployment in basic industries soon slows up production in less essential industries such as the manufacture of automobiles, and the wave of unemployment spreads.

give up living as they live, simply because they had conceived, in some lucid moment, that it wasn't worth while. The great majority would hasten to cover up that disturbing discovery; and presently they would agree to deny it, and would endow lectureships in which the learned should confirm them in their self deception. It is by building postulates in the air, by supplementing ignorance, or by reverting to ancient illusions that human science is usually transformed into a comfortable philosophy. —George Santayana in the Saturday Review of Literature.

WORTH WHILE READING

I divide all readers into two classes—those who read to remember, and those who read to forget. I consider that one of my chief duties as a professional teacher is to persuade members of the second group to enter the first. Of course there are times when the most serious men and women must read to forget. But those times are emergencies, or at best times of recreation. The immense pleasure of reading, for ambitious and seriously-minded people, is enormously increased when the reading not only entertains, but also inspires and develops the mind, while adding to one's stock of facts and ideas. —"Am I Getting an Education?" by William Lyon Phelps.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

B. Q. Shields, '18, sent Christmas greetings from Australia. His address was 14 Martin Place, Sydney.

Clarence T. Gibbon, '08, was holding a position as electrical inspector with the Denver and Rio Grande railway company at Salida, Colo.

L. B. Mickel, '10, was business representative of the United Press as-

sociation left to attend the annual meeting of the Illinois State Dairy association, where he was to read a paper.

Prof. A. S. Hitchcock was elected president of the Kansas Academy of Science, which met at McPherson during the holidays. He had also been elected a director for the year 1900 of the Academie Internationale de Geographie Botanique.

FORTY YEARS AGO

L. H. Dixon, '88, was living at Bent Canon, Colo., instead of Trinidad.

Maggie E. Ford, f. s. in 1887-1888, was teaching in the Arkansas City schools.

H. C. Tillotson, f. s. in 1886-1887, was mail agent on the Missouri Pacific route from Atchison west.

H. W. Jones, '88, principal of the Americus schools, spent the holidays with his parents in Manhattan.

FIFTY YEARS AGO

A. T. Blain, f. s. in 1879, commenced work in Mr. Purcell's bank.

Florence Ingraham, f. s., and W. F. Allen were married January 1.

C. J. Reed and W. H. Sikes, '79, and George H. Perry, who was attending Washburn, were holiday visitors.

Joseph Cormack, f. s. in 1874-1875, spent the week end with old friends here. Since leaving Manhattan he had been at Evanston, Ill., attending the university.

The island of Sardinia, consisting chiefly of marshes and mountains, has from the earliest period to the present been cursed with a noxious air, an ill-cultivated soil, and a scanty population. The convulsions produced by its poisonous plants gave rise to the expression of sardonic smile, which is as old as Homer. —"History of England," by Lord Mahon.

FAIR WEATHER

Dorothy Parker in "Sunset Gun"

This level reach of blue is not my sea; Here are sweet waters, pretty in the sun, Whose quiet ripples meet obediently A marked and measured line, one after one. This is no sea of mine, that humbly laves Untroubled sands, spread glittering and warm. I have a need of wilder, crueller waves; They sicken of the calm, who know the storm.

So let a love beat over me again, Loosing its million desperate breakers wide; Sudden and terrible to rise and wane; Roaring the heavens apart; a reckless That casts upon the heart, as it recedes, Splinters and spars and dripping, salty weeds.

SUNFLOWERS

H. W. D.

IN TERMS OF TENS

Although several days of 1930 have already been worked over into history, most of the year is yet virgin time, to be made something of, maybe.

Everybody has forgotten his New Year's resolutions—which isn't so bad—and settled down into this third decade of the twentieth century with a customary dullness of perception and a chronic unawareness of the significant, or whatever it is that is the matter with life.

Going into another year of life may not amount to so much, but entering a new decade may. Ten years, as you have perhaps already noted, sometimes makes a difference, a difference that is glaring and indelible.

If you really wish to know what life is doing to you, think today of yourself as you were in 1920 and in 1910 and you may catch a hint that is not a dud. If your memory runs back to 1900 and 1890, so much the better, or so much the worse.

Among other things, you may decide that for the most part you have been a chaser of rainbows, a follower of gleams. And you have not yet found the pot of gold, nor the light that casts no shadow. Something has always eluded you. Something always will.

A dour reflection, eh? Somewhat pessimistic, somewhat morbid.

Not necessarily, creature of dreams and disillusionment. There is an attendant hint, a gentle by-voice that whispers a word of hope. Only honest ears can tune in, only an honest mind will consider the message.

It quietly suggests that in all your chasing after rainbows and following after gleams, something has been kind and taught you much. Something has been careful not to give you what you only thought you wanted. Something has saved you from the inevitable results of ego-centric desire, and kept you in harmony with what is left of the Original Purpose.

If there is one thing in this world that is evident, it is that there is not enough tinfoil happiness to go around. Success is doled out with a stingy hand. Glory is for the few. Wealth is unfair and inconsistent. Elation is momentary. Ecstasy is sputtering. An optimism based on such is no more more than the best it can be—a fraud.

But optimism based upon the whisperings of the by-voice arguing that you have received what you needed instead of what you selfishly craved is more to be relied upon. It makes you content to settle down to work in the garden with Candide and his battered associates.

If happiness is a matter of getting quickly to the place you want to go, doing just as you please, resting whenever you feel like it, and standing frequently and long in the spotlight, honest reflection at the end of one decade and the beginning of another should disgust you with it.

But if happiness comes from believing that the arduous chasing after rainbows is more significant and thrilling and educative and satisfactory than the discovery of ten thousand pots of gold at the end of a circle, you can go the limit in your glee.

In their first passion women love their lovers, in all the others they love love. —LaRochefoucauld.

GRADUATES OF 1889 ISSUE CLASS HISTORY

BOOKLET IS AN OUTGROWTH OF
REUNION LAST SPRING

Contains Letter from Each Living Mem-
ber of Class of 40 Years Ago—Rev.
R. U. Waldraven, Berkeley,
Calif., Is Historian

The class of '89 has just published a booklet of their fortieth anniversary class history. The '89's reunited at K. S. A. C. last commencement, either in person or by letter. A letter from each living member has since been sent to the class historian, Rev. R. U. Waldraven, 2509 Milvia street, Berkeley, Calif., for publication.

Other officers of the class of '89 are: president, Rev. David E. Bundy, Oketo; secretary-treasurer, Jane Chapin Tunnell, 1124 South Michigan, Chicago, Ill.; secretary pro tem of the fortieth anniversary reunion and class poet, Walter H. Olin, 1663 Gilpin street, Denver, Colo.

FORTIETH ROLL CALL

The '89's answer their fortieth roll call as follows: Rev. Joseph W. Bayles, Howard; Walter R. Browning, Manhattan; Mrs. Ina (Turner) Bruce, 3 Rock Creek Church, Washington, D. C.; Rev. D. E. Bundy, Oketo; Mrs. Mattie (Farley) Carr, Route 2, Box 156, Salem, Ore.; Samuel S. Cobb, Wagoner, Okla.; Judson Criswell, Fifth and Chestnut streets, Clarendon, Va.; Mrs. Maude (Sayers) Deland, State hospital, Topeka; Mrs. Susan (Nichols) Eshelman, 270 Francis Street, St. Joseph, Mo.

John S. Hazen (U. S. weather bureau), Canton, N. Y.; Albert B. Kimball (county agent), Smith Center; William Knabb, 157 E. Fifty-sixth street, Seattle, Wash.; Mary Cornelia Lee (city library), Manhattan; Mrs. Florine (Secrest) Linderman, Box 37, Esparto, Calif.; Walter H. Olin, 1663 Gilpin street, Denver, Colo.; Rev. E. M. Paddleford, Randolph; Mrs. Hattie (Gale) Sanders, 1208 Kearney street, Manhattan; Stanley Snyder, La Veta, Colo.; Dr. Charles W. Thompson, Holton; Jane Chapin Tunnell, 1142 S. Michigan avenue, Chicago, Ill.; Rev. Robert J. Waldraven, 2509 Milvia street, Berkeley, Calif.

The following is a part of one of the many letters published in the fortieth anniversary and reunion booklet of the class of '89:

"You will remember that, as your historian, I published annual letters from divers members several years following our commencement. Then I quit. Our lives seemed to have assumed such gigantic proportions as to prohibit further writing. Since then authentic news of us has been exceedingly hard to get.

MANY AGGIE VISITORS

"It has been our supreme pleasure in Berkeley, Calif., to have had a visit from several '89ers and near '89ers, the past few years.

"Billy Knabb and family, C. M. Breese, Elizabeth (Edwards) Hartley and John, Mrs. Katherine Sisson, W. D. Working and Mrs. Working, O. L. Utter and Mrs. Utter. All going, however, like a Kansas whirlwind. Breese stood awhile upon the lawn. Knabb loitered an hour or two. Working, long enough to make a U turn. All touring the beautiful Pacific slope from San Diego to Vancouver in 10 days. Also, of our old time faculty, came Professor O. E. Olin and Mrs. Olin, Dr. J. T. Willard and Mrs. Willard, Rodgers from Stanford, the guests for a day of Miss May Secrest, a K. S. A. C. girl now on the faculty of the University of California.

"We have been the happy guests in the home of Mrs. A. A. Mills in Anaheim, Calif. She is the widow of our own Alonzo A. Mills. Several most pleasant times have we spent in the ranch home of Florine (Secrest) Linderman near Woodland, Calif. Also in her home in Long Beach with Mrs. Katherine Sisson, widow of our beloved Sep' Sisson.

"As I have journeyed east on business trips to Nashville, Tenn., it has been my great pleasure to meet our worthy president, Paddleford, Bayles, and Willard. Also on some such trips passing through Manhattan, an S. O. S. to Browning got me to the Browning home, there to meet, first, Mrs. Browning, the charming wife of Walter. Then came a gang, a noisy gang, real people of the realm. Hattie (Gale) Sanders and Billy; Winifred (Brown) Burtis and Walter J.; Professor Failyer and Mrs. Failyer; Bertha (Kimball) Dickens and A. F.;

Elizabeth Hartley, and Bessie Perry. Mrs. Browning provided eats and drinks aplenty. We disrobed us of professional and other superfluous dignity and reverted to our real selves, to talk and laugh things over. We noted that the years had not hurt us any. We were yet our exact selves of earlier days. Just somewhat more mature, you know. I'm telling you, aristocratic '89ers, that meeting was big living with me.

"This thing we learned, that while our faithful 'profs' were stuffing us with rhetoric and math, another thing was growing up within us of a far diviner nature in those college days, a sacred sense of fellowship, a comradeship of love. I feel it now, the strongest tie but one that binds me to my daily task.

"About commencement time that June of '89, began a romance in my life. A charming belle of the Kansas golden prairie captured me, soul and body, and I'm in for life. My captor, Margaret Campbell, Maggie for short and sweet.

"We chose religious work, engaging in the ministry of the M. E. church, south. Spent several years in Kansas. Then changed to New Mexico and Colorado, later to California. Our first charge was Sacramento, as pastor of the church there, then superintendent of the district covering the Sacramento river valley. After five years in this work I was appointed to religious education work, as superintendent of Sunday schools throughout the entire state. Mrs. Waldraven is superintendent of the elementary department of the work. We work together and are happy in the service.

"Our children, three, are married. Their homes all in California. One in San Bernardino, two in Berkeley. We are happy to have with us still our nephew, Floyd K. Smith, whose home has been with us several years, since the death of his mother, my sister Ada."

(Signed) R. U. Waldraven.

Class reunions play an increasingly important part in commencement activities at K. S. A. C. The following classes are to return for our next commencement, May 25 to 29: '25, '20, '15, '10, '05, '00, '95, '90, '85, '80. A few of the above classes have started preparations for their coming reunion.

MARRIAGES

BERGSTEN—CHALK

Mr. and Mrs. H. Bergsten of Randolph, announce the marriage of their daughter Dorothy, '28, to E. M. Chalk, f. s., of Marceline, Mo., December 24, 1929. The couple are making their home at Marceline.

HEDGES—MAXWELL

The marriage of Polly Hedges, '24, Clay Center, and Arthur Maxwell, f. s., Marysville, took place in Manhattan December 22. Mr. and Mrs. Maxwell will make their home in Marysville where Mr. Maxwell is in the shoe store business.

CORRELL—TOWNSEND

Ruth Correll, '29, who is teaching in the Phillipsburg high school, and J. H. Townsend, Phillipsburg, a former student at Washburn college, Topeka, were married December 21 in Norton. Mr. and Mrs. Townsend will make their home in Phillipsburg where Mr. Townsend is in business.

BIRTHS

Marvin E. Sawyer and Blanche (Elliott) Sawyer, '25, of Caney, announce the birth December 7 of a daughter, Elaine Blanche.

Herbert H. Carnahan, '25, and Bernice (Axelton) Carnahan, of Garison, announce the birth of a daughter, Janice Elaine, on December 19.

Seibert Fairman, '19, and Jewell (Sappenfield) Fairman, '20, are the parents of a son, Harold, born December 4. Fairman is assistant professor of applied mechanics, Purdue university, West Lafayette, Ind.

Lelia F. Whearty, '18, is teaching foods in Washington junior high school at Pasadena, Calif.

George P. Gray, '17, president of the Pittsburgh Nash automobile company of Pittsburgh, Pa., visited in Manhattan recently. Gray was returning from Pasadena, Calif., where he saw the Pittsburgh-University of Southern California football game New Year's day.

LOOKING AROUND

KENNEY L. FORD

The following editorials appeared in the New York Times and the Topeka Daily Capital last summer. The first was published by the Times, and the second was written in answer to it, and published in the Capital.

In the belief that many Aggie alumni missed the exchange, it is reproduced below:

CULTURE THRIVES IN KANSAS

(From the New York Times)

Received with gratitude and read with happiness, the catalog of the Kansas State Agricultural college "lies before us." This institution whose appropriate site is Manhattan, is one of the "land grant colleges" established under an act of congress in 1862.

Tuition is free. The liberal education has a majestic scope. This is an all around university, in which the division of agriculture has a shrunken look; but Senator Capper's papers give sufficient bucolic instruction, and the Sunflower passion for general culture is ingrained. Among the branches of learning related to agriculture and the mechanic arts taught at Manhattan is English literature, with a wealth of courses. From Anglo-Saxon to contemporary poetry, from Chaucer to Kansas literature, the professors, net, associate and assistant, lead their willing flocks.

There are two courses in "The Short Story," whose connection with agriculture and the mechanic arts is so intimate. "Critical Writing" and the "Light Essay" are not neglected. Sociology is there with all her charms, and we have seldom seen a fuller "line" of psychology.

Industrial journalism and printing are taught; and the Brown bull, a "humorous magazine which has aroused much favorable comment among newspaper men, is published by students in the department." Looking over the excellent curriculum of physical education, one can't help thinking how differently Mr. William Allen White might have figured in history if in his youth he had studied kinesiology or the technique of basket-shooting, dribbling, and reverse turn, or had practiced folk dancing and advanced soccer. Arts, sciences, laws, languages, architecture, music, engineering, accounting, economics, ethnics, history, education, "consideration of bases for the selection of clothing," tea room management—most things knowable and some guessable are taught in this comprehensive university.

Its aim is to give each student "thorough training in fundamental cultural subjects which promote sound thinking and good citizenship." In this large way are trained the "valuable leaders," future Curtises and Henry Allens. In this all-teaching collection one notices but a single superfluous course. What need have Kansas students of education in "public speaking?" Teach the wind to blow!

AGRICULTURAL EDUCATION

(From the Topeka Daily Capital)

An editorial writer on the New York Times finds the catalog of our agricultural college highly entertain-

ing. He finds, apparently to his surprise, that "liberal education has a majestic scope" and that the "division of agriculture has a shrunken look."

Evidently the Times editorial writer is laboring under the impression that the business of an agricultural college is to teach young men how to plow corn, plant potatoes, call the hogs, and perform the other chores around the farm. He has not yet sensed the fact that farming is rapidly becoming, if it has not already become, the most important and the most complex of all the sciences. It requires more varied information than any other business and in order to succeed, a greater intelligence.

It does not call for a very high order of intelligence or much general education or information to make a very fair editorial writer; if you doubt that statement just read the editorial pages of the New York dailies. A right smart editorial writer who can command a comfortable salary would make a complete failure in all probability as a farmer. We might say also that if the Times editorial writer thinks our agricultural college gives a subordinate place to the teaching of agriculture in all its manifold phases, he is badly mistaken. The college is functioning in teaching the science of agriculture, both by precept and practical experimentation as it never did before.

The Times editorial writer is also mistaken in assuming that a department of public speaking in an agricultural college even in Kansas is superfluous.

In times past there has been perhaps a surplus of oratory in Kansas, but most of the orators have not been farmers. One of the troubles with the farming industry has been that the representatives of other industries have been able to outtalk the farmers.

CALL A DIRECTOR OF FEDERAL LAND BANK

Named by Farm Loan Board to Serve
for Three Years

Dean L. E. Call of the division of agriculture recently was appointed a district director of the federal land bank of Wichita with the duties of assisting the federal farm loan board in making Kansas loans. The directorship is a non-salaried one but carries a per diem allowance while in attendance at meetings. The appointment is for three years from January 1, 1930. The first meeting of the directors will be next Monday and Tuesday, January 13 and 14.

Enjoys Work in Chile

Elizabeth Burnham, '17, who is general secretary of the Y. W. C. A. at Santiago, Chile, writes: "I am finding Chile a very interesting and beautiful country. I will enjoy it all the more when I can speak more Spanish. The people here are very kind to foreigners who are trying to learn their language."

Harold C. Lindberg, '29, is with the General Electric company at Schenectady, N. Y.

Winifred Bell, '23, is a teacher in the home economics department of the public schools at Loveland, Colo.

RECENT HAPPENINGS ON THE HILL

College women will be given instruction in bowling next week from 4 to 6 o'clock in the afternoon.

Contestants in the Royal Purple beauty contest are to be all entered before January 15.

Miss Nellie Aberle, instructor in English, has been elected to life membership in the National educational association.

Formal opening of the new "Uptown Palace" drug store in Aggieville was Tuesday. Students and townspeople were guests.

Dr. J. E. Kammeyer, head of the department of economics and sociology, will speak at convocation Friday, January 10. His subject will be "An Important Anniversary."

Three telegraphic meets will open the season this week for the Kansas Aggie men's rifle team. They are with the University of Pittsburgh, the Isaac Walton league, of Topeka, and the Texas college of mines.

Dr. Ralph L. Parker of the department of entomology was elected chairman of the section of apiculture of the American association of economic entomologists, at the recent meeting in Des Moines. As chairman of the section, Doctor Parker is one of the vice-presidents of the association.

ELEVEN NEW LIFE MEMBERS FOR ALUMNI ASSOCIATION

Annual Memberships Lagging—500
More Needed

Eleven alumni have become paid up life members in the K. S. A. C. alumni association since November 10, 1929, as follows: M. F. Ahearn, '13, K. S. A. C.; Lillian L. Bedor, '28, Formoso; Howard M. Chandler, '03, New York City; Seibert Fairman, '19, and Jewell (Sappenfield) Fairman, '20, West Lafayette, Ind.; Ralph T. Howard, '29, Mount Hope; E. J. Otto, '16, Riley; Carrie Paulsen, '29, Bazine; J. Fred Sheel, '25, Altamont; Norris R. Thomasson, '25, Tulsa, Okla.; and Helen G. Trembley, '29, Turon.

"The alumni loan fund is growing nicely but is not near large enough yet sufficiently to endow the alumni association," says K. L. Ford, alumni secretary.

"The K. S. A. C. alumni association has 510 annual members for the current year ending June 30, 1930. A thousand annual memberships are needed to avoid a deficit in this year's budget. If each member will take it upon himself to secure at least one \$3 annual membership or a life membership, the association will be greatly strengthened.

"We have a peculiar situation in the alumni association in that the percentage of life members is high and the percentage of annual members is correspondingly low. The popularity of life memberships is of course due to the fact that the \$50 life membership may be paid for in convenient instalments and because this life membership money goes into the alumni loan fund.

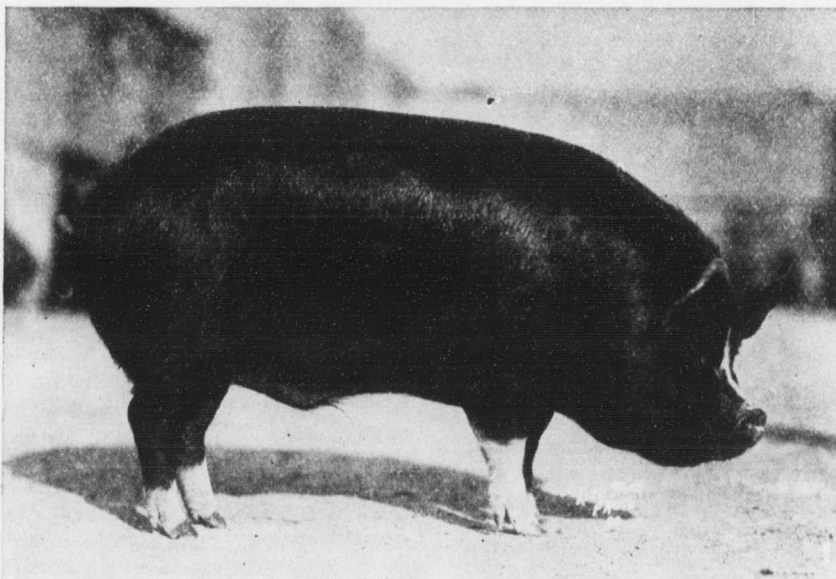
"Many alumni who formerly paid annual dues are now paying on life memberships so that it is necessary to enrol others who have never been active in the alumni association if our operating fund remains adequate.

"Many Kansas Aggies have made their alumni association a 'preferred organization' and are glad for the opportunity of membership. This spirit should prevail among all alumni. We hope that every member will use his influence always toward increasing our membership and right now especially so that the present financial crisis may be weathered."

Samuel J. Gilbert, '21, has received an appointment as assistant agricultural economist with the division of crop and livestock estimates at Madison, Wis.

Drs. L. B. Wolcott, '12, and E. C. Jones, '16, own the Platte Valley Serum company at Grand Island, Neb. Jones, who was captain of the K. S. A. C. basketball team and all valley guard in 1915, is officiating at basketball games in the middle west.

A Real Champion of 1929



This Berkshire barrow, K. S. A. C. Standard, swept everything before him at the recent International Livestock exposition in Chicago, winning the grand championship prize money in the fat swine division of the show. He was farrowed September 2, 1928, and weighed 540 pounds at the time of showing.

K. S. A. C. Standard was bred by Beardwell and Feeny of Wakeeney and was shipped to the college last June. A brother of K. S. A. C. Standard, sent to the college at the same time, was made champion Berkshire barrow at the American Royal in Kansas City.

MODERN PUREBRED IS PRODUCT OF THE AGES

SO THINKS AUTHOR OF PRIZE WIN-
NING ESSAY

Clarence M. Dunn, Aggie Senior of On-
kaloosa, Explains Characteristics,
Ambitions, Ideals, and Compensa-
tions of Master Herdsmen

By CLARENCE M. DUNN

Editor's note: The following essay recently won for Mr. Dunn third place in the national Saddle and Siroin club medal essay contest. The essay expresses so well the ideals of livestock men that it is reproduced in part for INDUSTRIALIST readers. Mr. Dunn is a senior in agricultural economics at K. S. A. C. and already has made plans to return to a farm near his home at Onkaloosa.

"The cattle on a thousand hills are mine," we read in Psalms. Man and cattle have been associated in writing from earliest history of man. The first biblical record of man possessing cattle was in the second generation, for it is written, "Abel was a keeper of sheep."

While man was yet in the hunting stage he subdued and killed animals. This meat would be eaten by him and his family, while the wool, fur, or hide was used for clothing and shelter. During the nomadic stages man began to domesticate cattle and sheep. His wealth was measured by the number of cattle he possessed. These animals were a medium of exchange. During this stage man moved about from place to place with his animals, seeking food for them. Often his family and relatives would accompany him.

Something previously unknown to mankind began to grow in the hearts of these herdsmen. Gradually it grew and took a form that could be recognized as a love for animals and their care. From that time on, down through the ages—through hardships and failures, through wars and captivity, through wandering and exploration—this love for animals has been handed down from generation to generation. So strong has this love become that now it is the keynote of the livestock industry. If it were not for this love existing in the hearts of men our livestock industry would be far inferior to what it is today.

THE HERDSMAN'S QUALITIES

Another important and allied quality of the master that has been functioning these many generations is "faithful application." Without this colleague, "love" could not take form in actions and results no matter how strong it existed. The two qualities working hand in hand for centuries have brought about almost unbelievable development in the livestock industry.

One of the greatest changes has been in type and quality. Early animals were inferior in this respect. Changes in the customs and requirements of civilization brought out new and ever changing demands on the meat they consumed. The eyes of the masters have been opened to these demands and many have been able to see far in advance as to what the future type of animals would have to be. Thus there began a crusade to improve animals. These masters had the patience and ability of faithful application to stay with their work no matter what their difficulties. This was the beginning of our famous blood lines of today. Superior strains were brought about by careful selection and better breeding.

A second outgrowth, closely connected with selection and better breeding, is a knowledge of better and more scientific methods of feeding. Man always has possessed the desire to have his animals in good thrifty condition.

Today the "master feeder" is the man showing both love and faithful application. His knowledge of scientific feeding is clearly shown by the way he regulates his feeding operations. The composition of the different feeds is familiar to him. An understanding of the composition and needs of his animals is his guide. He knows that if he were to feed a number of all sizes, ages, and breeds of cattle together in one lot, a decided difference in their rate of growth would result. Some would thrive and fatten while others would become unthrifty.

WHERE SCIENCE ENTERS

With a knowledge of the composition of feeds and of the body needs of his animals, the master can balance their rations—can feed them in such combinations that all the ele-

ments necessary for growth and gains will be supplied in the proper proportions.

Feeders long ago learned the value of regularity in feeding their animals. The master feeder realizes that the digestive system works much more efficiently if animals are fed uniformly and regularly.

Purpose and plan of feeding are well outlined in the successful feeder's program. Before the cattle are placed in the feed lot he can estimate fairly accurately when his cattle should be sold to give him the



CLARENCE M. DUNN

greatest returns. He knows very nearly how long and how much the cattle should be fed to be marketable at the proper time, and he wisely follows his plan. This knowledge is an outgrowth of intuition. It guides him in caring for his animals.

The eye of the master is a keen judge of animals. The good are quickly distinguished from the poor. Good feeders and poor feeders can be sorted out in each herd or flock. Each animal is quickly appraised as to value by the feeder. Before purchasing foundation stock, the constructive breeder spends much time studying the pedigree and individual merits of his prospective purchase.

A true master is willing to sacrifice many comforts and privileges in order to make his animals more comfortable, often going through rain, snow, and blizzards with them. Many a shepherd has taken his sheep into the mountains, seeing but few other humans all summer. His only companions are his sheep and dogs, yet this same shepherd will testify that he is happy in his work; that he prefers it to living in the city. The good master is not satisfied until his animals are comfortable and contented. What more pleasing sight to the cattle feeder than to see his cattle stretched full length on the ground on a warm spring day after a long winter on full feed?

Still another way in which this love for animals is expressed can be witnessed by the familiarity of the master with his animals. A certain near neighbor takes great pleasure in going through his herd with a visitor, pointing out each individual animal. He delights in telling of its habits, its feeding ability, and its breeding.

KINDNESS IS ESSENTIAL

Mastery of his animals is an essential feature of the successful master's operations. This is a direct result of the expression of the master's love for his animals. Through thoughtful attention he is able to get them to respond willingly to his wishes. He is firm but not cruel. One can notice kindness and gentleness about the master as he goes among his animals, now and then stopping to pet and murmur a few words in a kindly tone.

The love and mastery of the owner is severely tested in the show ring. Here one can easily detect ability. All animals and masters are under a nervous strain. Some with just a quiet word or twitch of the halter get their animals to respond and poise as they should. Others jerk and scold in vain.

One is often impressed by the spirit that exists among the best stockmen. Among a crowd of these men there usually is shown a cheerfulness, friendliness, and good will for one and all. The kindness, cheerfulness, loyalty, and good will that is developed in the hearts of the feeders, breeders, and salesmen for their

animals, also exist among these fellows when they get together.

Surely the production of animals of the highest type is an art that inspires one. What a great satisfaction it must be to produce a grand champion at an International Livestock show! One great cattle breeder has said, "I would rather produce a grand champion bull than to be governor of this great commonwealth." It is a business of honor, integrity, and character. Each individual breeder must consider his own personal honor and character as well as that of his fellow men. It is an honorable business, especially if one can leave a splendid strain of animals as a memorial to his name and to improve the future of the industry. That man can feel that his life was not in vain.

With all these requirements of a master feeder and of the need for "artists of production" before us, we often wonder if there will be a sufficient number of masters for the future. It is necessary that young masters be trained to take the place of those who are laying down the work.

This necessary training is well begun in the 4-H clubs. In this work boys and girls are trained in feeding and handling. They are taught the value of good animals and how to distinguish them. They are learning the value of improved breeding. Excellent training also is given in fitting and showing.

Possessing these many qualities of a master, one must be a man with great development and ability. He must be a man that is awake to the demands of the times, ever ready to grasp an opportunity to make improvement in his livestock and methods of caring for them. He also must be a man possessing intuition, love for his animals, and faithful application.

It has been said that "the clarion call of such an opportunity, with its cheer and its courage, invites every man of ambition and aspiration to its standard. This standard will lead young into action, and it will lead into paths of pleasantness and into paths of peace."

"The Eye of the Master" must ever be open.

DELTS AND BLACK SHIRTS TO MEET FOR COURT TITLE

College Championship Game To Be
Played This Week

Semi-finals in the college men's intramural basketball competition were won by Delta Tau Delta in the pan-hellenic division and the Black Shirts in the independent division.

Delta Tau Delta won from Sigma Nu 16 to 11 and from Kappa Sigma 20 to 17. Both games were close.

The Black Shirts won the right to go to the finals by defeating Omega Tau Epsilon 28 to 9. Finals for the college championship will be played the latter part of this week.

PROGRESS OF KANSAS PRESS

F. E. C.

Since locals have so much to do with the making of a small town paper, that may explain why the Madison News, edited by Harry V. Baxter, is such a lively little paper.

The Pratt Daily Tribune is another of those small dailies which gives its readers just a lot of home news in addition to the latest AP dispatches. Cecil P. Rich and Charles W. Pratt are the owners.

W. H. Keller, a young Swiss who a few years ago started the Summerfield Sun in Marshall county, recently decided to discontinue his publication so that he might go to school. He announced that publication would be suspended, but L. H. Johnson, a former Nebraska publisher, took over the paper and will continue it.

W. Y. Morgan of the News company at Hutchinson explains how his papers keep "dead-heads" from getting on the subscription list and staying there. At the end of the year the "dead-head" papers are discontinued unless a request is made for them, Mr. Morgan explained. We have found this provision very essential in order to keep from sending papers to places where they are no longer wanted and are kept on the free list by force of habit. Thus by taking the "comps" off once a year the list is kept at a minimum.

A number of Kansas newspapers are printing short advertising write-

Basketball Schedule

Dec. 18—St. Marys 18, Aggies 36.
Dec. 20—Kansas Wesleyan 19, Aggies 32.
Jan. 3—Colorado college 34, Aggies 53.
Jan. 4—Colorado college 28, Aggies 35.
Jan. 10—Nebraska at Manhattan.
Jan. 13—Missouri at Columbia.
Jan. 17—Oklahoma A. & M. at Manhattan.
Jan. 21—Oklahoma U. at Manhattan.
Jan. 31—Iowa State at Ames.
Feb. 1—Nebraska at Lincoln.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

W. R. SPILMAN HEADS POSTAL INSPECTORS

Former Kansas Aggie Student New
Chief of Important Branch of
Federal Service

William R. Spilman, f. s., was appointed chief inspector of the United States post office department in Washington, D. C., December 31, 1929. He succeeds Grant B. Miller, who died in November.

Spilman was prepared for his new work by having had experience in almost every branch of the postal service. He was first appointed a clerk in the post office department June 6, 1898.

Last summer he was transferred from a position as superintendent of the federal division of post office service to the position of deputy first assistant and chief clerk. He had been superintendent since 1921.

Following his work at K. S. A. C., Spilman engaged in the mercantile business and studied stenography. For six years, beginning in 1891, he was stenographer for the twenty-first judicial district of Kansas.

In 1897 Mr. Spilman won an appointment as stenographer and typist in the navy department. He was assigned to the office of the judge advocate general.

Subsequent to his transfer to the post office department in 1889, he was transferred to do clerical work at the White House during the Spanish war. Subsequently he resumed his duties in the post office department and was sent to Porto Rico to assist in the reorganization of the postal service there. He returned to the department in Washington, and other promotions followed. Early in 1904 he was appointed superintendent of the division of rural delivery.

From 1910 to 1915 he was superintendent of the city delivery department, then was made post office inspector for the purpose of supervising special investigations of the city delivery service. He continued as post office inspector until 1921.

Spilman is a brother of Miss Clara Spilman, '00, secretary to the superintendent of schools here, and also a brother of the late Robert Spilman, who at the time of his death a few years ago was Riley county representative in the state legislature.

COLLEGIATE 4-H CLUB ADDS \$1,000 TO FUND

ALUMNI LOAN RESOURCES IN-
CREASED TO \$23,000

Latest Gift Will Be Available to Out-
standing 4-H Students Wishing to
Attend Kansas State Agricul-
tural College

The student loan fund of the Kansas State Agricultural college alumni association has been increased to more than \$23,000 by a \$1,000 contribution from the K. S. A. C. Collegiate 4-H club. The 4-H club, according to its president, Ben C. Kohrs, of Dillon, had saved the proceeds from editing Who's Who, an annual Kansas 4-H club book.

According to the contract drawn up between the club and the executive committee of the alumni association, the funds will be available for small loans to outstanding 4-H club boys and girls who wish to attend K. S. A. C.

The alumni association hopes to build up a fund large enough so that any worthy student can be aided in getting a college education. Loans from the fund are all small and are used principally for student fees which come in rather large amounts at the beginning of each semester. Up to date the fund has never been reduced by a single dollar because of a bad loan.

In addition to its 4-H activities, the Collegiate 4-H club takes a part in other college activities. Its members are in dramatics, athletics, judging contests, and social affairs. The club promises to lead to greater 4-H club work in Kansas.

Other officers of the club are Ebur Schultz, Miller, vice-president; Leonard Rees, Abilene, secretary; and Joe Greene, Beverly, treasurer. M. H. Coe is state club leader at K. S. A. C.

BIG SIX BASKETBALL SEASON OPENS FRIDAY

(Concluded from page 1)

the first game against Colorado college at Colorado Springs January 3. Silverwood made eight field goals and a free throw in the 20 minutes he played. Nigro got seven baskets, Vohs four and Cronkite three.

Cronkite was somewhat ill and was kept out of the first part of the game, but soon recovered when Colorado took the lead, and went in. Later Vohs replaced him.

The box score:

K-Aggies (53)			
	G.	FT.	F.
Nigro, f	7	0	3
Russell, f	0	0	2
Silverwood, f	8	1	2
Fairbank, c	0	0	1
Vohs, c	4	0	2
Cronkite, c	3	0	0
Freeman, c	0	0	0
Richardson, g (C)	1	4	3
Auker, g	1	0	2
Weller, g	0	0	1
Wiggins, g	0	0	1
Totals	24	5	17

Colorado College (34)			
	G.	FT.	F.
Waders, f	4	3	3
Doyle, f	4	2	1
Ingrahm, f	0	0	0
Slocum, c	3	1	0
Fries, g	1	0	0
Ryerson, g	2	0	1
Reid, g	0	0	0
Inkley, g	0	0	0
Totals	14	6	5

Referee, Nackson, Denver; umpire, Bunte, Colorado School of Mines.

CLARK COMES BACK

In the second game against Colorado college Silverwood got five baskets, but Captain Richardson was high point man with four goals and three free throws. Clark, an all conference center of the Colorado team, was able to play after being out of the lineup the night before, and strengthened the Colorado defense considerably. Not until the last 10 minutes were the Aggies able to pull away to win 35 to 28.

The box score:

K-AGGIES (35)			
	G.	FT.	F.
Nigro, f	3	2	3
Russell, f	0	1	1
Silverwood, f	5	0	0
Weller, f	0	0	0
Cronkite, c	1	0	0
Vohs, c	0	1	0
Richardson, g (C)	4	3	2
Wiggins, g	0	0	0
Auker, g	1	0	2
Freeman, g	0	0	0
Totals	14	7	8

Colorado College (28)			
	G.	FT.	F.
Waders, f	1	2	3
Doyle, f	3	1	0
Ingrahm, f	0	0	1
Owen, f	0	0	1
Clark, c	3	0	0
Slocum, c	1	0	0
Ryerson, g	3	1	3
Reid, g	1	0	1
Inkley, g	0	0	0
Totals	12	4	9

Referee, Nackson, Denver; umpire, Bunte, Colorado School of Mines.

KAMMEYER DISCUSSES LEAGUE OF NATIONS

FUNCTIONS WELL IN INTERNATIONAL
DISPUTES, HE SAYS

Economics Department Head Cites 24
Cases in Which Political Differences
Have Been Settled Without
Recourse to Arms

"Ten years ago today, January 10, 1920, the League of Nations became an established fact when 42 nations ratified the Treaty of Versailles, which ended the World war," said Prof. J. E. Kammeyer, head of the department of economics, in his chapel talk last Friday, January 10.

"Six days later, January 16, a great president of the United States presided at the first session of the council of the league. This anniversary is important because of the sublime objective which was instituted at that time, and because of the program made directing the league in the accomplishment of organizing the world for international security, justice, and peace," continued Professor Kammeyer.

SEES HOPE FOR FUTURE

"If the world court continues to grow in strength, it is reasonably predictable that wars will no longer strangle the earth."

Professor Kammeyer explained the organization and function of the league, because so many young men and women of today have no personal recollections of the details of the war.

The covenant of the league is incorporated in the Treaty of Versailles, which was originally signed by 29 allied nations and 13 neutral states, the United States refusing to ratify it. Today, the membership is 54; 10 states are not now members. Among those remaining outside are Turkey, Soviet Russia, and the United States.

The league is made up of an assembly, a council, and a secretariat. Its seat is at Geneva, Switzerland, and each member nation has one vote. The assembly meets annually in September and the session usually lasts a month. Plans for the year are made and a budget is voted. All votes must be unanimous on questions of policy. The council has fourteen members, five of which are permanent: Great Britain, France, Germany, Italy, and Japan. The United States has a permanent seat in the assembly. The council discusses questions of disarmament, the conduct of mandates, and in general tries to carry out the recommendations of the assembly. The secretariat consists of about 500 men and women, of some 40 different nationalities, who are in no way responsible to their own governments, but who are appointed and paid by the league.

"The function of the league," continued Professor Kammeyer, "is to promote international cooperation and achieve international peace and security by settlement of disputes through arbitration; to substitute arbitration for conflict. Already 24 political disputes have been settled through the league without resort to arms. Examples are the disputes between Greece and Bulgaria; between Bolivia and Paraguay; between Germany and Poland; between Austria and Hungary. The league is not only an established organization, but it is functioning and functioning successfully."

WORLD ORGANIZED FOR PEACE

"Other movements for world peace which the league is directly responsible for are: the World court, which has 54 member nations, and which Mexico, Russia, Turkey, and the United States are still out of, even though our own Charles Hughes is one of the judges; the Kellogg-Briand treaties, which supplement the league. On January 21, in London, a naval disarmament conference is to be held, and 69 Americans have just left to attend it," said Professor Kammeyer.

"While the world is still organized for war, there never was a time in the history of mankind when it was

so well organized for peace as it is now," declared Professor Kammeyer. "Nations are becoming more and more internationally-minded. As the industrial organization of the nations increases in perplexity, their problems can be settled only through international discussion. A world organized for lasting peace will be a much better place to live than one organized for war. Many great names and many great lives are dedicated to the achievement of its success."

DURLAND VISITS JUNIOR COLLEGES OF KANSAS

He Also Includes Pittsburg Teachers
and Southwestern on Tour
of Inspection

Prof. M. A. Durland, assistant to the dean of engineering at the college, made an extensive tour of the state recently to visit and inspect junior and liberal arts colleges of Kansas.

Those visited were El Dorado junior college, Arkansas City junior college, Coffeyville junior college, Independence junior college, Parsons junior college, the state teachers college at Pittsburg, and Southwestern college at Winfield.

Professor Durland is secretary of the committee on relation of junior and liberal arts colleges to K. S. A. C. and the trip was to promote a spirit of good will and cooperation between these institutions and the college. Professor Durland stated that an increasing number of students are coming each year with advanced credits from the junior colleges.

During the last year there has been an increase of more than 100 per cent in the enrolment of the engineering division from that source. This year out of a total of 91 coming to K. S. A. C. from the junior colleges, 43 enrolled in engineering work. In that same time 66 came from the Kansas liberal arts colleges and 31 from other state schools. From outside colleges and universities 46 came this year with advanced credits.

KELLOGGS ISSUE GREETINGS VIA FOUR PAGE NEWSPAPER

'Holiday Herald' Contains Editorials,
Ads, Cartoons

Royal S. Kellogg, '96, and Janet (Thompson) Kellogg, 31 Bayley avenue, Yonkers, N. Y., sent out a novel Christmas greeting this year in the form of a four-page newspaper designated as "The Kelloggs' Holiday Herald." The paper contains interesting items about the "doings" of the Kelloggs and their friends, editorials, cartoons, and even classified advertising.

The Kelloggs will celebrate their first wedding anniversary next month. They have seen much of the world, and many Aggie alumni in the past few months. Kellogg is with the News Print Service bureau, New York City.

To Address Master Farmers

President F. D. Farrell will be one of the speakers at the dinner to be held next Friday, January 17, in Topeka for the presentation of awards to the 1930 master farmers of Kansas, as selected by the Kansas Farmers.

Organize Republican Club

An organization meeting for a K. S. A. C. student Republican club was held Tuesday night in recreation center.

Basketball Schedule

Dec. 18—St. Marys 18, Aggies 36.
Dec. 20—Kansas Wesleyan 19, Aggies 32.
Jan. 3—Colorado college 34, Aggies 53.
Jan. 4—Colorado college 28, Aggies 35.
Jan. 10—Nebraska 41, Aggies 39.
Jan. 13—Missouri 34, Aggies 21.
Jan. 17—Oklahoma A. & M. at Manhattan.
Jan. 21—Oklahoma U. at Manhattan.
Jan. 31—Iowa State at Ames.
Feb. 1—Nebraska at Lincoln.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

NEW HOMES BULLETIN READY FOR BUILDERS

WICHERS' WORK ON FARMHOUSE
IS PRINTED

Discusses Dwelling Inside and Out,
from Top to Bottom—Aims at More
Beautiful and Practical Rural
Residences

"Designs for Kansas Farm Homes" is the Kansas engineering experiment station's newest bulletin, No. 23, now being distributed. The bulletin, written by H. E. Wichers, assistant professor of rural architecture at K. S. A. C., is similar in many respects to Wichers' first bulletin, "The Design of the Kansas Home," but the new publication is aimed at a narrower field—the Kansas farm dwelling.

The introduction to Professor Wichers' new bulletin leaves no doubt in the reader's mind that the farm public, and others perhaps, have given too little attention to the design of the farm home. "There are many farm homes that are remarkably fine," Wichers states, "but far too many show little thought given to arrangement, convenience, comfort, or appearance. They appear to have been hastily erected for temporary use, and the arrangement of the interior confirms the impression gained from the exterior appearance."

BEAUTY AND PRACTICALITY

"In recent years there has been an ever-increasing interest in the planning and design of the smaller type of homes," he continues. "The first fruit of this development has appeared in better room arrangement and more efficient plans. But following on the heels of the demand for homes that function with greater ease come the insistent demands that all homes be made to look well and that they fit their environment."

"Each year more people are realizing the advantages of careful planning. More and more are they looking to the exterior and interior of their homes, beautifying them, simplifying them, and making them express the character of the occupants and of the life within. It is time for more intensive methods to be used in presenting the host of existing reasons for a change in attitude. It is time to begin to build substantially and beautifully on the home plot."

"If we firmly believe that a well planned, convenient, beautiful farmhouse is impossible on Kansas farms it will be impossible to progress. But if we can understand that the opposite is true—that good homes are both possible and practical—we can do for the farm home what we have done with the automobile, and are doing with the airplane. Under such conditions there is nothing that can prevent the swift development of beautiful and efficient farm homes."

COVERS MANY PROBLEMS

To encourage and hasten this development, "Designs for Kansas Farm Homes" was written. In it are discussed the value of planning, choosing the building site, the peculiar problems of the farm house in contrast to other dwellings, and the numerous building problems—inside and outside, from basement to attic.

Among dozens of sketches reproduced in the bulletin are plans for 39 different house designs, ranging from the smallest to the largest sizes. Floor plans are presented with many suggestions for construction. Several illustrations explaining the choice of the building site and landscaping the residence are included.

The bulletin is being distributed by the engineering experiment station, K. S. A. C., Manhattan.

Plan Campus Chest Drive

The campus chest drive, the only welfare campaign permitted on the college campus for non-campus activities, will begin February 12, following a student assembly on February 11. Division of the funds will be made between the International Student service, Lingnan university, Canton, China, and the Red Cross.

Will Sail for India

Catherine Justin, '12, will sail January 30 from New York on the "American Merchant" for India, where she will spend six years in charge of a school for girls at Delhi. Miss Justin, who has been visiting here with her sister, Dean Margaret Justin, of the division of home economics, left January 11 for Fairbury, Neb., where she will spend a few days with her sister. She then plans to visit a brother in Lafayette, Ind., until time of sailing.

J. W. HARTLEY DIES— FUNERAL WAS MONDAY

Member of 1892 Class was One of Best
Known Graduates—Four Children
Attend K. S. A. C.

Funeral services for John W. Hartley, '92, of Manhattan, were from the First Methodist Episcopal church at 2:30 o'clock last Monday afternoon, with burial in Sunset cemetery. Mr. Hartley died at 6:30 o'clock the afternoon of Friday, January 10. He had been ill for about three months, but his death, it was said, was unexpected. He and his wife, Elizabeth (Edwards) Hartley, '92, are widely known among K. S. A. C. alumni. Mr. Hartley had lived in Riley county since 1887. About seven years ago he retired from active farming and moved to the stone house at the northwest corner of the college campus.

Surviving are Mr. Hartley's mother, his wife, three daughters, one son, a sister, and a brother. The daughters are Gladys, '22 and '27, now at Columbia university; Wilma, f. s., a teacher in the Wichita schools, and Elizabeth, '29, a teacher in the high school at Atwood. The son, Edward, is a student at K. S. A. C.

HIGHWAY COMMISSION PLANS INCLUDE PAVING OF U. S. 40

Manhattan Mud Bugaboo Removed
East and West

Paving of all uncompleted gaps in U. S. highway No. 40 between Topeka and Manhattan and of U. S. 40 S. from New Cambria east to Abilene were among the projects authorized last week by the Kansas highway commission.

Completion of the work, scheduled for 1930, will provide a paved highway from Kansas City west to Salina, and an all weather road west to the state line. It will remove forever the "mud bugaboo" which has kept many K. S. A. C. followers at home at the time of college athletic contests, meetings, etc., so far as those living along the highway are concerned.

Sanding of U. S. 40 N. also is being pushed rapidly, and by next fall will be finished so as to give an all weather route from the northwest portion of the state.

FARM AND HOME WEEK HIGHLIGHTS

Tuesday, February 4

Poultry day.
Discussion of poultry questions, from A to Z.
Presentation of master farm homemakers at evening assembly.

Wednesday, February 5

Dairy day.
Announcement of 300 pound dairy herds.
Presentation of production cup.
Student's fitting and showing contest.
Breed association meetings.
Address by Governor Clyde Reed at evening assembly.
Meeting Kansas Associated Garden clubs.
Beekeepers' program.
Agricultural engineering program.
Farm women's meetings.

Thursday, February 6

Livestock day.
Discussions of livestock problems.
Meeting of Kansas Crop Improvement association begins.
Little American Royal Livestock show in pavilion.
Beekeepers' program continues.
Farm women's meetings.

Friday, February 7

Agronomy day.
Agricultural economics program.
Presentation of wheat champion, corn champion, master homemakers, and other winners at fifty-fifth annual banquet.
Farm women's programs.

SHEDS LIGHT ON HOW CHOLERA IS CARRIED

VETERINARIAN REPORTS ON
YEARS OF STUDY

Flies are Principal Carriers, U. S. D.
A. Investigator Learns—Railroad
Cars and Trucks Also May
Scatter Hog Disease

How cholera, that enemy of hog breeders and feeders, is carried from farm to farm was a subject discussed by Dr. C. N. McBryde of the United States bureau of animal industry before 200 Kansas veterinarians who attended the twenty-sixth annual meeting of their state association at the college last week. He reported the results of 10 years of investigations, made chiefly in Iowa.

Cholera is not, so much as is commonly supposed, carried by man or by pigeons as they go from a lot containing infected animals to a clean lot, the study indicated. It was found, however, that the fly is the principal carrier. Both stable flies and house flies seem to be among the most important carriers and to prevent their traffic in cholera, Doctor McBryde suggests getting at their breeding places, important among which is old straw stacks.

SHOULD BALE STRAW

If middle western farmers would bale as much straw as needed and burn the rest of it, they would be doing a wise thing so far as cholera prevention is concerned, McBryde declared. Wet straw makes an ideal breeding place for the stable flies.

How far the fly will carry the disease varies but has been checked by liberating flies that were colored for later identification. It was learned that they traveled as far as 13 miles, going six miles in 24 hours. Horse flies followed a team two miles. Thus, McBryde believes, the fly may be the answer to the question of how cholera develops without any apparent source of infection.

How long cholera germs remain virulent in pens where infected hogs have been depends largely upon the season, McBryde explained. In July carcasses buried partially and left for study did not transmit the disease after a week but carcasses left unburied in winter time were found to be sources of infection for weeks. A similar situation was found to exist in the case of pens. Pens where sick hogs had been in the summer time were not as a rule infectious to well hogs after 24 hours and in no case after a week. This was credited to the purifying effect of the sun.

THE SUN PURIFIES

In winter time, however, pens remained sources of infection for weeks. However much the sun may be a purifying agent in the summer time, the U. S. D. A. authority recommended thorough cleaning and disinfection of pens before restocking them.

Litter dropping from stock cars as they are pulled across the country by railways is considered another answer to the question of hog cholera transmittance. Many a shipment of market hogs may have cholera and not show it in the very earliest stages, McBryde explained, but at this stage the secretions from the eye and nose are the most virulent sources of cholera germs. Similarly trucks may carry the disease. Trimmings from the infected pork of butchered hogs may also be fed to well hogs and thus carry the disease to the latter.

Nurserymen Like School

The college's first nurserymen's school, held last week, was a successful one, with 32 nurserymen attending. The visitors were so well satisfied they are attempting to bring the annual convention of their state association here next September when a similar short course may be given. The school was planned by Prof. R. J. Barnett and the nurserymen invited here by him.

Bermuda, famous for sunshine, also is famous for onions.

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R. I. THACKREY, Assoc. Editors
KENNEY L. FORD, Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, JANUARY 15, 1930

A DEFENDER OF STYLE

The vogue of free verse and the style of staccato prose presumed to be in keeping with a nation of "go-getters," are not making the progress their defenders prophesied a few years ago.

Good English verse and good English prose are much the same as they have been for the past 250 years, by which it is meant that what would have been good enough to attract attention two centuries ago, would do so today.

Not many years ago, that master stylist, the late Frederic Harrison in "Among My Books," wrote a defense of literary canons that evoked the derision of the "proponents of progress," but the years that have intervened since then seem to indicate that the old scholar was right when he wrote:

"The idea that wholly new and original forms of literature or art are likely to be discovered in the twentieth century is a juvenile delusion.

"Of course the limitless expansion of human life and the ceaseless control over the world will give perpetually new ideas to be told, and inexhaustible stores of fresh knowledge to be spread. But human language does not expand with infinite rapidity and the FORMS of human expression are not infinitely numerous, nor infinitely variable. There is such a thing as style in both verse and prose and in the centuries since the Psalms and the lyrical and dramatic poetry of the ancients and the moderns were made, all practicable forms have been tried.

"It is affectation to imagine that poetry can be made up with discordant sounds, by lumbering lines that drag when we utter them aloud, or by printing prose set in lines of equal length and vowing this is poetry.

"There are types, standards, and canons of beauty in literature and art and it is a far cry of feebleness and conceit to imagine that a new literature and a new art are going to be created by the sorry trick of defying all that the good sense of mankind has hitherto loved as beautiful and pleasing."

ART

The traveling exhibition of the College Art Association of America, which was on display in the college library from January 6 to 15, contained some outstanding examples of contemporary art, expressed in various media.

Among the oil paintings, three landscapes by Ernest Lawson, "Blue Streams" (numbers 1 and 2), and "Blue Hills, Maine," represent one phase of impressionism. The artist has put the color on in spots, which when seen from a distance combine to give an effect of atmosphere. Small spots of intense color lend vibration and life to the paintings. The thickness of the paint varies so that the compositions have a texture of light and darkness.

C. Hawthorne in his painting, "Yellow Jacket," shows a delightful color combination, together with an interesting character impression.

"Parc Montsouris," by J. Twachtman, a landscape interpretation, seems to be only a series of daubs if examined closely. When viewed from a distance it can easily be realized

that the artist knew when and how to put on those daubs.

William Chase in his painting, "Still Life and Fish," has painted the objects in his picture with such technique that they appear to be of materials of different texture.

"The Vegetable Wagon," by Felicie Waldo Howell, and "Spring," by Warren Davis, show how a composition may be unified by the use of only one or two carefully keyed colors.

Warren Wheelcock's "Return from the Fields" shows a wonderful use of color and a bold, very decorative, design. The artist has used few objects, but his picture has the feeling of representing all people in all countries and in every occupation. The idea is almost primeval with the three symbolic figures land, home, and people.

Max Pollack has caught the spirit of the heart of New York in his print, "Wall Street," as Thomas Benton has caught the spirit of the oil town in his water color, "American Scene."

Several of the water colors and a few of the oils are painted in such a manner that they seem to have a depth, a roundness, and thickness instead of the flat photographic composition that is characteristic of many of the other paintings. Jiotto in the thirteenth century was one of the first painters to use lines and shapes to produce an effect of depth and in the nineteenth century, Cezanne and Renoir achieved this effect by the use of colors.

In the water colors, "Chocolate House," by Broemel, "Still Life," by Herman Trunk, and "Hot Day, Cassis," by Bertram Hartman, the artists have used lines, shapes, and colors to give to their pictures a feeling of depth.

The College Art association offers a print as an award for student criticism of the exhibition.

VEBLEN'S "IDLE" CURIOSITY

Thorstein Veblen, whose death in California occurred last August, will rightly rank as the most considerable thinker in the field of economics that America has yet produced. His most important work has consisted in rescuing economics from the detached position to which several generations of the classical tradition had relegated it, and treating it in the light of modern psychology and biology, as a section of the science and art of human conduct.

For this task he enjoyed two qualifications of particular importance. Born of Norwegian emigrant stock, and reared on a Minnesota farm, when the west was young, he brought that naive curiosity of the intelligent farm lad to bear upon the rapidly improvised artificialities of city life and work, which has inspired so much of the best thought in American sociology. For though we speak of Veblen as an economist, he is perhaps better regarded as sociologist. For all his writings, from his "Theory of the Leisure Class," in 1899, to his "Absentee Ownership," are based upon an interpretation of history, which, though in a sense dominantly economic, gives an important cooperative place to all the other instincts, interests and activities which go to make up the total life of individuals and societies. Moreover, like Adam Smith, his earlier academic training, at Johns Hopkins and Yale, lay in the general field of philosophy, including much orderly reading in anthropology and history.

To these origins was coupled an exceptionally alert, penetrating and fearless mind, utterly recalcitrant to academic traditions and customary thinking. His approach to the habits, thoughts, and valuations of the complex economic society of the rising American city was that of a curious and suspicious animal, scenting everywhere the novel and the strange, and bringing some instinctive faculty of understanding and assessment to bear upon them. This disinterested (or as he termed it "idle") curiosity enabled him to discover and express wonderfully interesting and subtle meanings in the accepted commonplaces of his age and country. —J. A. Hobson in the Sociological Review.

ADVERTISING UTOPIA

Advertising, by reason of its technique, possesses peculiar power as an educative force. An extension of this power, into fields now scarcely dreamed of for it, is not improbable. Who knows what it may some day be

doing? A sociologist whose plan for social betterment is contained in the two volumes of his dynamic sociology finds that fundamentally there is one thing the matter with the world—ignorance. If everybody had all the knowledge that exists and is available, and applied it, there would be very little unhappiness. His method for giving happiness to everyone is education of every human being in the sciences and all real knowledge. Then we should all know how to be happy.

His belief is that all wrong doing can be done away with, and by means other than punitive restraints. The way is to make right doing in every action so pleasant that no person would have any desire to do wrong. This ultima thule may some day

boards for the industrial art department.

Professor Lockwood gave an address on "The Study of Prose Fiction" at a meeting of the Riley County Educational association.

The following appeared in an issue of THE INDUSTRIALIST: "The really beautiful weather of the last two weeks has revived outdoor games among the students. The campus is alive during the noon hours with happy young people practicing football and baseball."

FORTY YEARS AGO

Charles M. Collins, student in 1886-87, was taking special work in natural history at Montrose, Colo.

The following presidents of liter-

Priceless Memories

F. D. Farrell

One should never feel sorry for the farm boy, however freckle-faced, large-handed or awkward, who lives on a good farm with a good father and mother. Such a boy is to be envied, and he often is. A Chicago millionaire recently expressed himself on this subject as follows: "These memories of the country where I spent my boyhood days are priceless to me the same as similar memories are treasured by countless hosts of other business men who have been reared on the farms or in the villages, but have followed the rush of restless youth to the city and its industrial opportunities. They bring to me the realization that boys brought up in the congested tenements of a city are losing a heritage rightfully theirs and for which there is no substitute." Not only does the farm boy store up many priceless memories, as this millionaire did, but he is heir to many of the best things of earth and often he is destined to rule over us. His destiny is conditioned largely by the fine qualities that his environment helps him to develop and that contribute so much to our civilization.

As long ago as 1858, in a speech he made at a cattle show in Massachusetts, Emerson said, "We must not paint the farmer in rose color. You cannot make pretty compliments to fate and gravitation whose minister he is." The statement is true now, as it was then. What I say is not to be construed as an implication that all farm people are superior or that undesirable qualities are unknown among them. It is well for us to remember the following incident, typical of American rural wit: A demagogue, haranguing an audience of farmers, boasted, as demagogues often do, of having been born and reared on a farm. "That's nothing to boast about," called out a witty farmer in the audience, "all jackasses are born and reared on farms."

be reached. The thought in introducing the subject here, in the closing paragraph of a book on advertising, is that modern advertising has made the life of the masses so much more pleasant by painting attractive pictures of the things that make it so, and has so completely demonstrated its ability to influence the thought of the people of all classes, that when it comes to that big, all-comprehensive job of achieving an ideal social state the potent force of advertising will at least be one of the agencies through which it will be accomplished. —"The History and Development of Advertising," by Frank Presbrey.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Mrs. Ina Priest Lucas, '13, joined her husband in Juneau, Alaska.

Mrs. Josephine (Allis) Sullivan, '17, of Blackduck, Minn., was visiting her parents, Mr. and Mrs. L. L. Allis, here.

Elmer Johnson, '08, was employed in the rural engineering work of the department of agriculture at Washington, D. C.

TWENTY YEARS AGO

Smith Faris, '06, was in the employ of the York Manufacturing company, York, Pa.

Eva Philbrook, '97, and W. H. Jones of Salina were married New Year's day. They were making their home at Wakeeney.

Cecile Allentharp, '07, Medicine Bow, Wyo., was teaching "one of those little schools found only on the frontier and 30 miles from a railway."

THIRTY YEARS AGO

The mechanical department was making five dozen new drawing

ary societies were elected: Alpha Beta, Marie B. Senn; Webster, George E. Stoker; Hamilton, S. Van Blarcom; and Ionia, Julia Pearce.

Declamations were delivered in chapel by members of the junior class. They were: Fannie Waugh, Maude Whitney, Flora Wiest, E. C. Thayer, S. Van Blarcom, F. A. Waugh, R. D. Whaley, and George W. Wildin.

FIFTY YEARS AGO

This item appeared in the current issue of THE INDUSTRIALIST: "Should the warm weather continue, the plows will start on the farm next week."

President Fairchild and Professors Popenoe and Shelton were on the program for lectures at the breeders' and farmers' institute held in Manhattan January 27 and 28.

Courses in industrial departments were offered for women in dressmaking, printing, telegraphy, scroll sawing, carving, engraving, photography, and instrumental music; and for men in farming, nursery culture, carpentry, cabinet making, turning, wagon making, painting, and blacksmithing.

EARLY

Leonora Speyer in Scribner's

This gray hour robs the hills of green,
But not of strength and not of height,
And not of sky the clouds between.

Into the dawn a cuckoo calls . . .

The swifts fly lower than the boughs,
With little, creaking, busy cries;
A sound of water ripples, flows,

Beyond the garden and the gate,
And down the road and through the town.

And day is here. Its quiet plan,
Inevitable, is not disclosed,
Is not discussed with any man.

Only to those who lie awake
It yields blunt promises of rain,
Which it may break

IMMATURITY

Sara Himlinsky in "The Harp"

Give me a taste, my heart, of hate,
And give me a taste of joy.
Life has been savorless of late.
Make me some strange alloy.

For though there's nothing I have
done—
Evil or good—I cannot wait.
There's hate for the sake of hate alone,
And joy for the love of hate.

SUNFLOWERS

H. W. D.

BEAUTIFUL SNOW

The dictum of poets that snow is beautiful has had a glorious history. Now and then some lone householder has risen in his wrath and sought to puncture the idea, but it has steadfastly refused to give up its original air.

If poets were accustomed to shovels instead of pens, their point of view might, of course, be different. What one thinks is determined mostly by what one pushes. But the damage has been done, and there is as little virtue in bemoaning a warped intellect as there is in crying over spilt milk.

However, to discuss snow dispassionately might afford a bit of relief.

Snow, as we know it, is cold. It is vapor that has made the mistake of allowing itself to be condensed when the thermometer is flirting with the freezing point. The price of condensation being buoyancy, snow can do nothing other than fall. It comes down through the air just as the bits of paper do in that sad scene from The Two Orphans. School boys rush out and cry, "It snows." The earth turns a sickly white. Everybody turns up his collar and begins to shiver and wonder about quinine and radiator alcohol. One's feet get cold and wet, both of them.

Snow, being akin to rain, falls on the just and the unjust. It falls on fallow field and busy thoroughfare, on roof and sidewalk, grass and auto top. Instead of having a sense of values it is delirious in its mood to cover everything. It clogs downspouts and arterial highways, stops trains and the gormandizing of fowls of the air, freezes mittened fingers and pure-bred cattle. Even when there is nothing left to cover or clog, it keeps on coming. It demands room when there is no room.

Snow transforms everything from what it was into something else again. It obliterates color. For a day or two everything must be white. Afterwards, sometimes for weeks, it must be a dirty brown.

Perhaps poets have fancied that snow is beautiful because it insists upon no ugliness but its own, but I am inclined to believe they think it beautiful because they sit indoors while it is out. Their contact with it is emotional rather than physical. They shovel no sidewalks, sweep no streets, unclog no downspouts, repair no roofs, lose no cattle, open no highways, and freeze no fingers and feet.

Their intellects are free to follow the footsteps of fancy dry-shod.

I have no quarrel with snow-worshipping poets. What they think is logical when one considers their point of departure. One of them has taught us that there are four or five ways of looking at an elephant. There ought to be at least two ways of looking at snow.

EDUCATION AND TRAINING

We should note the difference between education and training. Education is general knowledge. Most occupations require a certain amount of it—knowledge of reading, writing, arithmetic, the geography of the world, something of the literature of the world, something about history and government, about the human body, and about the chemical and physical constitution of the universe.

Such facts constitute a fund of general knowledge and they furnish a good foundation for specialized work. But they do not constitute training for any specific vocation. While they help one to know and to reason, it is training that helps one to do. Education is general; training is specific. —"How to Find the Right Vocation," by Harry Dexter Kitson.

AMONG THE ALUMNI

Lyle Owen, '28, is with the Derby Oil company at Wichita.

Joe Hyer, '29, is employed by the Shell oil company at Houston, Tex.

Ida Bare, '21, is doing graduate work at the University of Chicago.

Henry Bock, '28, is a chemist with the Corn Products company, Danville, Ill.

Edwin Barrett, '28, is with the Procter & Gamble company at St. Louis, Mo.

H. J. Bower, '10, is agronomist in the school of agriculture of the Texas technological school, Lubbock.

Percy Sims, '23, is principal of the high school at Little River, as well as farming 450 acres of wheat.

C. E. Pickett, '29, is now employed by the National Broadcasting company with headquarters in New York City.

Randall B. McIlvain, '25, is employed in the offices of the sales department, General Electric company, Chicago, Ill.

Dr. E. A. Schmoker, '17, is now conducting the Western veterinary hospital at Eighty-ninth street and Woodland Park avenue, Seattle, Wash.

Edna (Oettinger) Cockrell, '18, is teaching home economics in the Antelope Valley joint union high school, Lancaster, Calif. R. E. Lofinck, '16, is in charge of the agricultural department of the same high school.

Nellie Aberle, '12 and '14, instructor in English at K. S. A. C. since 1921, has been made an active life member of the American educational association, said to be the largest professional organization in the world.

Coach D. C. Beeler, '23, of the Glen Elder high school has resigned his position effective January 17. He has accepted a position as assistant marketing specialist for the United States department of agriculture in Chicago.

Walter E. Deal, '16, who is with the Western Electric company and whose headquarters have been in Westfield, N. J., has been transferred to Baltimore, Md., to take up the position of price manager for the Point Breeze works of the company.

H. O. Reed, '25, who, as resident engineer of Riley county, supervised the construction of the new bridge over the Kaw river just south of Wamego, has been transferred to Wichita. There he is to supervise construction of a similar but larger bridge over the Arkansas river.

Seibert Fairman, '19, who is assistant professor of applied mechanics at Purdue university, Lafayette, Ind., and Jewell (Sappenfield) Fairman, '20, remembered the alumni loan fund at Christmas time by sending in a check for \$75 for their life memberships in the alumni association.

BIRTHS

A. C. Arnold, '17, and Mae (Cooper) Arnold, of Hoxie, announce the birth of a son on December 25.

Norman L. Roberts, '25, and Elizabeth (Gates) Roberts, f. s., of Chicago, are the parents of a daughter born December 25.

Clarence Smith and Ruth (Colley) Smith, '06, of Cerrillos, N. M., announce the birth of a daughter, Mary, on January 3.

Harley Bower, '10, and Ida (Heppler) Bower, '10, of Lubbock, Tex., announce the birth of a daughter, Ida Allene, on December 26.

MARRIAGES

VARNEY—MARTIN

The marriage of Ruth Varney, '29, of Manhattan, to E. A. Martin, f. s., of Stockton, occurred at the home of the bride's mother November 25. Mr. Martin is a field supervisor for the Banker's Reserve life insurance company of Omaha, Neb. His headquarters are in Salina.

POULK—BARNHART

Vivian Poulk of Oil Hill, and J. Glen Barnhart, '28, of Chicago, were married in Wichita December 15. Since graduation, Mr. Barnhardt has been with the Empire Oil & Re-

fining company of Bartlesville, Okla. His headquarters are in Chicago, where the couple will make its home.

DIAL—SMITH

Mr. and Mrs. M. F. Dial of Topeka announce the marriage of their daughter, Florence, '19, to Francis L. Smith, M. S. '29, of Sacaton, Ariz., on December 19 at Topeka. Mr. and Mrs. Smith will make their home in Sacaton, where Mr. Smith is employed by the department of agriculture.

DEATHS

HARTLEY

Announcement of the death of John W. Hartley, '92, is on page one of this issue of THE INDUSTRIALIST.

McCONNELL

Evelyn (Marsh) McConnell, wife of Roy L. McConnell, a graduate in the veterinary division in '28, died in Okmulgee, Okla., November 29. Death was due to diabetes. Funeral services and burial were in Okmulgee. Mrs. McConnell was formerly employed as stenographer in the college departments of veterinary medicine and dairy husbandry. The McConnell home was in Coffeyville.

COAL MINE VETERANS HOLD MAIL REUNION

C. C. McPherson's Crew 'Reminisces' Ten Years After Sub-Zero Days in Strip Pit Near Scammon

Ten years ago a group of K. S. A. C. students answered the call of Governor Henry J. Allen to mine coal in the Kansas coal fields, and they did mine some coal, it is said, at Superior mine No. 1, 15 miles southeast of Pittsburg.

C. C. McPherson, f. s., Kansas City, a foreman of one of the crews of Aggie miners, is responsible for a publication containing a letter from each former coal heaver who now is enjoying more peaceful civilian pursuits. Greetings from Senator H. J. Allen and a little news item concerning each of the ex-miners follows: "Of the various groups, none stands out more clearly in my memory than the 50 sturdy men from K. S. A. C. I have always been grateful for the successful manner in which you assailed the problem to which you were assigned in one of the mines around Scammon." Senator Henry J. Allen, Washington, D. C.

"We slept 17 in a tent, around a red hot Sibley stove, with 30 minute watches to keep the fire up." C. R. F. Smith, '23, Iowa State college, Ames, Iowa.

"Just came in to New York this fall and so far it would appear that the Indians were quite justified in selling Manhattan island for \$24, Orville M. Deibler, '26, 76 Hudson avenue, Englewood, N. J.

"Worked for Santa Fe, general office, Topeka, for one year after graduation in 1920. Then for Harry Sinclair in construction cost department at Coffeyville, and at East Chicago, Ind. Moved to Allentown, Pa., center of Pennsylvania Dutch region (and God help us, don't ever go there) as cost engineer for Phoenix utility company, which is the construction company for the Electric bond and share company. Became acquainted with federal accountants who even investigated my records, and by skillful furnishing of desired information got an appointment as examiner in June of this year.

"By the way, I should tell you that Gladys Nelson (of K. U.) and I were married in June, 1925. Robert Nelson Wilcox is almost 3 and some husky boy," A. W. Wilcox, '20, 1507 S. Third street, Louisville, Ky.

"Married Elva May Price, former Aggie, of Baileyville, on June 12, 1922. We have a son, Martin Price Capper, born June 7, 1929, and plan for his graduation from K. S. A. C. in the class of 1951. To judge from the energy he exhibits now, if the governor should need help during the time he is in college, he will be available," S. D. Capper, '21, county agent, Manhattan.

"At the present time, I am located at Memphis, Tenn., as branch manager here for the Larabee flour mills company of Kansas City, Mo., and have been at Memphis for about three years. After graduating in the

spring of '23, I went into the employ of the Red Star milling company and was stationed at Wichita, Houston, Tex., and Dallas, Tex., Fort Smith, Ark., and then came to Memphis," Ray H. Moran, '23, 1253 Peabody avenue, Memphis, Tenn.

"POME"

"In those ten years since we mined coal

Fate has shuffled cards and dealt us many.

Across the pond three times I've been;

Made money but now haven't any. But have some things that cash can't buy.

A sweet wife and two fine kiddies.

"I've sold gold rings and sox and ties,

Taught school kids 'edication,' Officiated track and football games

But here's my real vocation— Insurance—eight of million

"In five months. Who needs it?"

R. B. Watson, '21, 1457 1/2 Hampshire street, Quincy, Ill.

"I finished K. S. A. C. June 1, 1922, got married on June 2, and went to work for Fuller brush company peddling brushes on June 4. Yes, June 3 was Sunday, I believe. At any rate, I have been with the same company ever since.

"Spent the first year around Hutchinson and El Dorado and was sent to Lincoln, Neb., in June of '23. Was there two years and then sent to Washington, D. C., as district manager. Four years there and now I have a rather 'roving commission' and am at present located in Kansas City," Charles C. McPherson, f. s., 4220 Harrison, Kansas City, Mo.

"I have a family of three children, 7-5-3 years and am located in Herington, as manager of the Dilley bakeries," Walter J. Rogers, '22, c/o Dilley Bakeries, Herington.

"Left school in '21, farmed and bred hogs until March, '28. Came here to Chillicothe on call of university extension department as county agent and am still here. Had the honor to breed a hog that has been awarded more grand championships than any hog of any breed, and also bred a hog that sired fat hogs that have been dressed higher than any fat hog at international shows. Now don't think that I can't do anything but raise pickles. I'm leading about the same kind of life I followed in school. President Kiwanis club next year. Secretary this year. Vice-president agricultural division of one of four best chambers of commerce in the state. Adjutant American Legion," E. D. McCollum, '21, Chillicothe, Mo., cooperative extension work.

"Spent six months after graduation at Atchison as assistant county engineer. With Pearce, Greeley, and Hanson, sanitary and hydraulic engineers, about 18 months in and out of Portland, Ore. Worked for the federal government several months. Long-Bell lumber company and city of Longview for a while. Then was with Warren Brothers company as resident inspector on asphalt paving all over the west and as far east as Fargo, N. D.

"In fall of 1925, I went down to Florida during the height of the land boom. Got a good job as surveyor for a real estate firm at Jacksonville. After the boom blew up, went to New York City in summer of '26. Got a job right away with 'The Texas company' (oil), worked in New York one month, and was transferred down here to Porth Arthur, Tex.," N. Dale Lund, '22, 2047 Thirteenth, Port Arthur, Tex.

"I dragged along until 1924, then my health broke down and, losing my compensation, had to go to Leavenworth to the National military home. In 1925, I regained my compensation, stayed there the winter of 1924, all of 1925, and until the spring of 1926. Left there and came to Sawtelle, Calif., thinking it would better my health condition." Arch W. Button, f. s., Box 238, National military home, Sawtelle, Calif.

"Since those coal mining days, I have married, sold insurance at Iola, sold cream and butter for the DeCoursey creamery at Wichita, peddled socks from house to house, traveled all over Montana selling circulation for the Great Falls (Mont.) Daily Leader, worked on the advertising staff of the Salina Daily Union,

moved from there to Wyandotte, Mich., to sell advertising for the Wyandotte Record. Got ambitious in 1925 and started the Gateway Chronicle, forced my competitor to sell his business to a man that had much more money than he had, and with whom I am today battling for advertising.

"We now have a nice plant of our own in a brick building, 30 by 120 feet in size, and are doing both job printing and publishing in the newspaper business. I'd like to invite each one of the 'gang' together with their wives, to visit our plant, to read one of the best newspapers in the country, and to see our beautiful city of 35,000 population.

"Most of you know that Mrs. Bayer was Marie Hammerly, '20. She is general manager of the bookkeeping and cash box department. She was in Manhattan this summer and saw a number of Aggies.

"Oh, yes, you will be interested in knowing that I see 'Germany' Schulz once in a while. Two of his brothers are M. D.'s here and 'Germany' lives in Detroit where he is engaged in the insurance business. Of course, he reminds me how pleased I was to hear that the Wildcats made the Jayhawk squawk this year again.

"I see Maurice Lane every once in a while in Detroit. Had dinner with him at the General Motors building two weeks ago. Maurice has an exceptionally fine position with the Curtis publishing company, selling space for the Country Gentleman and Saturday Evening Post," Fred H. Bayer, f. s., Wyandotte, Mich.

FROSH CAGE SQUAD HAS GOOD MATERIAL

Large Group Reports for Practice to Coach Frank Root and Assistant Owen Cochrane

A large squad of freshman basketball players answered the first call of Coach Frank P. Root before the holidays. Since the holidays the squad has been cut to 20, and Owen Cochrane, former football player and assistant freshman coach, has been assisting Coach Root, who devotes part of his time to the varsity.

Some unusually good freshman material is available this year, though it is doubtful whether the frosh squad as a whole will quite measure up to that of last year.

Among the candidates reporting for the first practices were the following:

C. H. Anderson, Berryton, g.; Merle I. Baker, Douglass, c.; Myron A. Bailey, Garden City, f.; Robert L. Barton, Filer, Ida.; f.; A. P. Baxter, Little River, f.; Crawford Beeson, Wamego, c.-g.; E. R. Blasdel, Belle Plaine, c.; G. W. Boys, Linwood, c.-f.; Burnell Bullstra, Downs, f.; C. W. Brooks, Garrison, f.-g.; C. O. Carrol, Scandia, g.; D. P. Course, Abilene, c.

S. E. Cumming, Coldwater, f.; W. A. Delphin, Axtell, f.; R. F. Eads, Coats, g.; L. C. Ekberg, Alma, Neb., f.; G. E. Erdtmann, Ellsworth, f.; G. B. Harrop, Manhattan, f.; A. H. Heidebrecht, Buhler, g.; Warren Hammond, Great Bend, f.; Harry Hasler, El Dorado, g.; George Hawks, Netawaka, g.

Donald Haws, McPherson, f.; Andrew Erhart, Lansing, f.; K. E. Fotte, Chase, f.; V. T. Jahnke, Woodbine, f.; Frank Jacob, Burlingame, g.; Z. W. Johnson, Beeler, g.; E. R. Kennedy, Chase, f.; M. T. Lee, Hugoton, f.; W. J. McConnell, Topeka, f.; R. E. Moss, Coats, f.; E. F. Morrison, Colby, g.; Wayne Marteney, Haven, g.; R. A. Nesbit, Ottawa, f.

L. B. Pelcher, Glasco, g.; W. A. Poole, El Dorado, c.-f.; P. Bayback, Sherman, f.; E. H. Reed, Norton, f.; Ephraim Schwab, Dudley, f.; M. R. Scranton, Ulysses, g.; Andy Skradski, Kansas City, f.-c.; Lisle Smelser, Manhattan, g.; Russell Smith, Manhattan, g.; G. A. Stansbury, Ulysses, c.; H. A. Steiger, Colby, f.; Orville Snyder, Salina, g.; C. W. Stewart, Hunter, f.; Russell Stewart, Atchison, g.; W. E. Teichgraber, Osage City, g.; R. E. Teter, El Dorado, g.; S. G. Unger, El Dorado, g.; P. F. Warner, Whiting, g.; M. W. Wells, Beloit, g.; N. J. Weybrew, Wamego, c.

Vulcanization of rubber, which has made rubber so useful in all arts and industries, resulted accidentally from the dropping of some rubber on a hot stove.

RECENT HAPPENINGS ON THE HILL

The Uptown Palace, Aggieville's new drugstore, held open house January 7. Forrest Forrester will supervise the store.

The Winter Frolic, sponsored by the Royal Purple, will be held Saturday night, February 1, in the Wareham ballroom. The winter queen will be chosen at that time.

The Webster debate team won the intersociety debate contest, winning four debate contests and losing none. Members of the team were Arnold Chase and Louis Kovar.

A series of "twilight musicals" will be given by faculty members of the department of music on Sunday afternoons at 4 o'clock in the college auditorium. The first recital will be held January 19.

The student council has revoked its ruling that three out of the house parties were to be allowed each social organization a year. Two such parties will be allowed each year as has previously been the custom.

R. L. Lockard, junior in architecture, received first mention in his project in Egyptian archaeology at the judging contest of the Beaux Arts institute of design in New York. L. E. Fry also received mention.

Prof. C. E. Rogers, head of the department of industrial journalism, attended the meeting of the American Association of Schools and Departments of Journalism which was held during December at Baton Rouge, La.

Miss Louise Everhardy, instructor in applied art, received a broken ankle in a fall when she slipped on an icy sidewalk in Leavenworth during Christmas vacation. She will be unable to meet her classes for some time.

Members of Sigma Delta Chi and Theta Sigma Phi, honorary journalism societies, will assist in the entertainment of the editors of the state at the meeting of the Kansas Editorial association at the college next May 9 and 10.

The first track tryouts will be held today in Nichols gymnasium. Track prospects are promising with eight lettermen back: Captain Harold S. Miller, O. H. Walker, C. M. Kopf, C. E. Nutter, J. E. Smith, E. G. Skeen, E. C. Livingston, and Milton Ehrlich.

The scores made by the women's rifle team during the week before the Christmas holidays were exceptionally good. Helene Hahn, Clay Center, led the team with a score of 193, and Helen Laura Dodge, Manhattan, was a close second with 192.

A total of 1,618 men, or approximately 85 per cent of all those who were undergraduates, took part in some form of intramural athletics at the college last year, according to the intramural handbook published by L. P. Washburn. Members of varsity squads were included in the remaining 15 per cent.

Three K. S. A. C. students each paid a fine of \$25 plus \$8.75 costs recently for violation of scarlet fever quarantine regulations. The students who were found guilty of the charge in a local justice court were R. W. Swenson, White City, and Max Holmes, Augusta, of the Alpha Sigma Psi fraternity, and Leah Schreiner, Ramona, of the Delta Zeta sorority.

Tune In On Basketball

All Kansas Aggie home basketball games are being broadcast this year over radio station KSAC. Games start promptly at 7:30 o'clock. Announcements are made by Prof. H. W. Davis, head of the English department, and Fred Seaton, Manhattan, student.

Stark a Visitor

Arthur Stark, '28, of Chadron, Neb., was a campus visitor recently. Stark was an all-valley halfback in his day and has been coaching at the Nebraska State Teachers college, in Chadron, for the past three years.

BIG SIX INAUGURALS NO AGGIE FESTIVAL

COURT TEAM LOSES OPENERS TO
NEBRASKA AND MISSOURI

Big Home Crowd Sees Huskers Nose
Out Victory 41 to 39—Wildcat
Main Dish for Tiger Field
House Opening

The Kansas Aggie basketball team opened the Big Six season by losing games to Nebraska university January 10, and to Missouri university January 13. Scores were 41 to 39 against the Huskers and 34 to 21 against Missouri.

In both games the Aggies were handicapped by the illness of Henry Cronkite, Belle Plaine, sophomore center. Cronkite was able to play most of the game against the Huskers; poor physical condition due to sinus trouble slowed down his work. He did not make the Missouri trip, being left in Manhattan for treatment.

A crowd of 2,603 saw the opening of the home season against Nebraska. It was larger than last year's first game crowd by about 500.

Nebraska took an early lead, but the Aggies pulled up to even terms about the middle of the half. Selden Davey, Nebraska forward, went out on personals near the end of the half with the score tied 15 to 15. Kermit Silverwood, Aggie forward, looped a long basket just before the period ended to put the Aggies into the lead, 19 to 17.

The second half started very auspiciously for the Wildcats, who soon increase their lead to six points. Then Fisher, Maclay, and Grace started hitting from all parts of the court, while Witte and Lewandowski effectively halted the Aggie attempts to rally. The Huskers finally assumed a 10 point lead and started to stall, but Silverwood began to hit from all parts of the court and forced them into an offensive game. The affair ended with the Aggies in possession of the ball, trying desperately for the needed score.

Against Missouri, at Columbia, the Wildcats took the lead in the first 10 minutes, but lost it and stayed behind the rest of the game. It was the opener for Missouri's new field house.

Eldon Auker, sophomore guard, played center against Missouri, with Vohs going in at the guard. None of the Aggies were "right" on basket shooting, and Silverwood, whose work proved the undoing of Colorado college twice and almost stopped Nebraska, went basketless.

ALUMNI LOAN PLAN INCREASINGLY POPULAR

Nebraska University Starts Student
Fund Similar to That Now Being
Used at K. S. A. C.

Increasing popularity of alumni loan funds, such as that existing at K. S. A. C., was reported at the meeting of the sixth district of the American alumni council, which met in Kansas City, Mo., January 10 and 11. Alumni association representatives from colleges in Iowa, Nebraska, Missouri, Kansas, and Oklahoma were present. Harry Matlack and Fred Ellsworth, alumni secretaries at Grinnell college and Kansas university, respectively, were in charge of the meeting. Nebraska university has this year started a loan fund similar to that of K. S. A. C.

Especially interesting was the topic of alumni funds, under which heading were discussed all voluntary funds given alumni associations for the purpose of aiding any worthy campus project.

The question, "What do alumni like to read in their publications?" came up for discussion, according to Kenney L. Ford, K. S. A. C. secretary. Letters from readers of THE INDUSTRIALIST on the subject are invited.

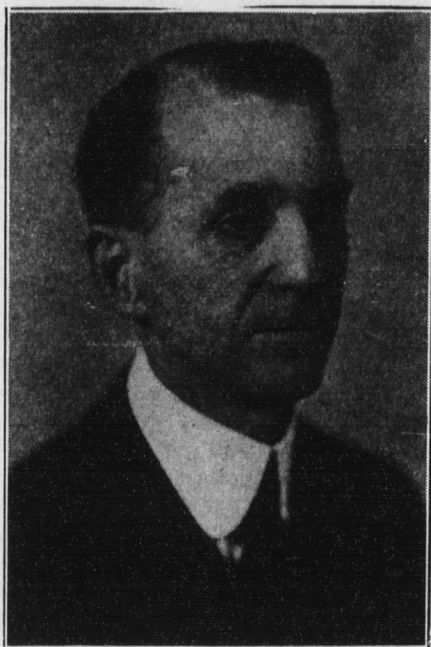
Elect Brown Bull Staff

Jay Adriance, Westmoreland, and Johnson Holmes, Manhattan, have been elected as editor and business manager, respectively, of the next issue of the Brown Bull, college humor magazine.

Postpone Title Game

Due to illness of players on both teams the basketball game for the college championship, between the Black Shirt club and Delta Tau Delta, was postponed last week until Thursday, January 16.

TO ADVISORY BOARD



PROF. GEORGE A. DEAN

Prof. George A. Dean, head of the college department of entomology and entomologist of the Kansas experiment station, recently was appointed a member of an advisory commission of five which will be asked to pass on all biological and entomological questions involved in the eradication of the Mediterranean fruit fly in Florida. The appointment was announced by Arthur M. Hyde, secretary of agriculture. Professor Dean is now at Orlando, Fla., working with the commission.

TWO OKLAHOMA FIVES NEXT FOES OF AGGIES

Corsaut Hopes to Have Cronkite in
Shape for Play Against Southern
Teams Friday and Tuesday

Two Oklahoma basketball teams, those of the Oklahoma A. & M. college and of Oklahoma university, will be entertained Friday night, January 17, and Tuesday night, January 21, by the Kansas Aggies. Coach C. W. Corsaut hopes to have the full strength of his squad available for the first time since before Christmas holidays. Oklahoma university is defending champion of the Big Six conference.

H. O. Cronkite of Belle Plaine, sophomore center who was expected to be one of the team's leaders on both offense and defense, developed sinus trouble on the Colorado trip which seriously affected his work against Nebraska. He was not taken on the Missouri trip the first of this week, in the hope that a stay at home under the care of a doctor would put him in condition for the Oklahoma games, especially for the Big Six contest with Oklahoma university. Cronkite was doubly handicapped in the Nebraska game by an eye injury received from a snowball.

Temporary loss of the services of Cronkite was followed by the announcement that Ward Gibbs, sophomore forward, was no longer a member of the Aggie squad since it had been discovered he would be ineligible for competition the second semester because of grades.

If Cronkite is unable to play against the Oklahoma invaders it is probable that Eldon Auker, sophomore, will go to center from guard, and that George Wiggins of Lyons, another sophomore, will take the vacant guard position, though Ralph Vohs of Parsons may play the center, leaving Auker at guard. Other possibilities are the using of A. H. Freeman, veteran, at center, or of H. R. Weller, another veteran, at guard.

Dick Mann to Norton Telegram

C. R. (Dick) Mann, f. s., has joined the staff of the Norton Daily Telegram. Mann is the son of State Senator and Mrs. C. E. Mann of Osborne and comes from a newspaper family, his father being editor of the Osborne County Farmer. Mann had been a member of a survey party of the Kansas highway commission before joining the Telegram staff.

Big Six Scores

(Games in the conference, only)
Nebraska 41, Kansas Aggies 39.
Missouri U. 31, Iowa State 24.
Kansas U. 34, Oklahoma U. 22.
Missouri U. 34, Kansas Aggies 21.

GAMES THIS WEEK

Jan. 17—K. U. vs. Ames at Lawrence.
Jan. 18—Missouri vs. Neb. at Columbia.
Jan. 18—Ames vs. Oklahoma at Norman.
Jan. 20—Okla. vs. Neb. at Lincoln.
Jan. 21—Okla. vs. K-Aggies at Manhattan.

COLLEGE TO COMPARE HOG RATION PROTEINS

WILL ATTEMPT IMPROVEMENT OF
COMMON PRACTICE

Standard Corn-Tankage-Alfalfa Combination Good, but Feeders Wonder
If Other Proteins Can Be Substituted for Tankage

Continuing its studies into the question of whether the standard Kansas ration for fattening hogs can be improved upon, the animal husbandry department of Kansas State Agricultural college is conducting several tests which should gauge the possibilities of substituting other high-protein feeds for tankage. The standard ration consists of corn and tankage plus good alfalfa pasture in summer or alfalfa hay in winter.

In some parts of the state hog men believe that more economical gains can be secured by substituting either wholly or in part other protein feeds for tankage. How these substitutes will affect the gains and the cost gains is to be determined by this feeding trial.

THE SEVERAL RATINGS

The tests will directly compare several protein supplement mixtures. All lots of pigs will be fed in self feeders, thus permitting them to eat in amounts as large as they desire, and all will receive shelled corn and salt. One lot will receive, as its source of protein, tankage and good fourth cutting alfalfa hay. Another lot will receive, in place of the straight tankage, a mixture of 50 per cent tankage, 25 per cent linseed oil meal, and 25 per cent alfalfa meal. This mixture is often referred to as the Trinity mixture and has been fed with success by many hog feeders. Another lot will receive for their protein supplement a mixture of 50 per cent tankage, 25 per cent cottonseed meal, and 25 per cent alfalfa meal. This is the same as for the preceding lot except that the cottonseed meal replaces the linseed oil meal.

HEAR RESULTS NEXT FALL

Two other lots will be fed somewhat differently but will furnish a comparison with tankage. One lot will receive a mixture of 90 per cent tankage and 10 per cent alfalfa meal, and the other will receive tankage 75 per cent and alfalfa meal 25 per cent. These lots are to furnish a comparison with the standard ration as fed in the first lot in the way the alfalfa is offered. In one lot it is fed as hay, in the last two as meal. The results of the feeding test should show which is superior when fed with tankage as the only other source of protein, according to Prof. C. E. Aubel, who is in charge of the hog feeding investigations.

Results of the experiment will be reported at the annual swine feeders' day program at the college next fall.

HEADS ENGINEERS



DEAN R. A. SEATON

Dean R. A. Seaton, of the K. S. A. C. engineering division, was elected president of the Kansas Engineering society at its two day annual convention at the University of Kansas last week. Dean Seaton served as vice-president and acting president of the society during the last year. Prof. C. H. Scholer, head of the department of applied mechanics, was chosen as a member of the board of directors of the society.

THIRTY-THREE ATTEND SCIENTIFIC MEETINGS

Many K. S. A. C. Faculty Members Attend
Session of American Association
for the Advancement of Science

Thirty-three members of the K. S. A. C. faculty attended the sessions of the American Association for the Advancement of Science in Des Moines from December 27 to January 2. Thirty-six different societies were represented at the convention. Among those attending from K. S. A. C. were the following:

Zoology department—Dr. R. K. Nabours, Dr. J. E. Ackert, Dr. G. E. Johnson, Dr. Minna E. Jewell, Iva Larson, G. L. Graham, Dr. W. R. B. Robertson, Dr. Mary T. Harman, M. J. Harbaugh, C. C. Dobrovolsky, G. E. Cautchen, Marian Campbell, and Marjorie Pickett.
Horticulture department—Prof. R. J. Barnett, Prof. W. F. Pickett, Prof. W. B. Balch, and Lowell R. Tucker.
Botany department—Prof. L. E. Melchers, Prof. E. C. Miller, Prof. O. H. Elmer.
Agronomy department—Dr. John H. Parker, Prof. A. E. Aldous, and Prof. A. M. Brunson.
Entomology department—Prof. G. A. Dean, Dr. R. H. Painter, Prof. H. A. Bryson, Dr. R. L. Parker, and Prof. D. A. Wilbur.
Mathematics department—Prof. B. L. Remick and Prof. A. E. White.
Dean L. E. Call of the division of agriculture, Dr. D. C. Warren of the poultry department, and Dr. H. L. Ibsen of the animal husbandry department also attended the sessions.

Modern farmers have modern buildings and machinery.

PROGRESS OF KANSAS PRESS

F. E. C.

The "Observations" of Gertha Shreck, editor of the Sylvan Grove News, make up only one interesting feature of that paper. An abundance of local items is in evidence.

A line on the name plate of the Norton County Farmer says "a good readable newspaper has a contest all beat to thunder," which is stating a truth forcefully.

J. F. Swonger, Jr., has purchased the Manhattan Tribune from J. M. Best. The Tribune has had a varied history in the last two or three years, making a trial at the daily field but eventually settling back into the weekly field.

A column of local news on the front page of the Chanute Tribune is always labeled "Us Folks." It usually includes Dorothy Greve's "Across the Back Fence" feature, which is a potpourri of local human interest stuff. Other little bits of local news go in the column and help make Jack Harris's paper one of the leading small town dailies of the state.

Editor W. E. Clark of the Montezuma Press recently took a trip to New Mexico. His description of Estancia valley made an excellent article of column length in a subsequent issue of the Press. Mr. Clark considers this section of New Mexico the most beautiful place in the United States from a scenic standpoint and

also thinks it has excellent prospects for agricultural advancement.

One of the excellent special features of 1929 was a diversified farming supplement to the Oswego Democrat, owned and edited by Alf D. Carpenter. The publication of the supplement followed on the heels of a tour of southeastern Kansas boosters into the dairy regions of Iowa and Wisconsin. Editor Carpenter and his assistants put out a 116-page magazine section featuring the idea of diversified farming. It was full of many splendid half tones, local farm features, ads, and a generous collection of diversified farming ideas.

Obituaries, cards of thanks, and "In Memoriam" verses are such a problem for the average editor that a re-print on the subject from the Holton Recorder seems appropriate. The Recorder explains its stand on the matter as follows:

The Recorder makes a charge of 10 cents per line for cards of thanks. Obituaries are run as news without charge, but when verses of condolence are desired a charge of 10 cents per line is made for poetry. The verses have no news value and are designed for the consolation of the bereaved. "In Memoriam" verses, commemorating the death of relatives and friends, published each year, are charged for at the rate of 10 cents per line. Such verses have no general interest and cannot be considered as news. We are glad to print church and lodge notices and announcements free, except where the entertainment is given for profit, in which case the regular local charge applies.

BRUNCHER NEW HEAD OF VETERINARY GROUP

KANSAS ASSOCIATION ELECTS MULVANE DOCTOR AS PRESIDENT

Attendance at Twenty-Sixth State Convention and Conference Breaks Previous Record—Next Meeting Will Be Held in Topeka

Dr. L. E. Bruncher, of Mulvane, was elected president of the Kansas veterinary medical association at the business session at the college on Wednesday, January 8. Dr. W. M. Dicke, Paola, was elected vice-president, and Dr. Charles W. Bower, '18, Topeka, secretary and treasurer. Dr. L. Dietrich of Wichita was chosen on the executive board.

A wide range of subjects, both of general and professional interest, were discussed. Topics included were: Lung Diseases of Cattle; Spinal Anaesthesia in Cattle; Milk Inspection; A New Contagious Disease of Cattle; Surgical Diseases of Cattle, Horses, and Dogs, as well as ailments of horses and of fur bearing animals.

TWO HUNDRED AT BANQUET

The banquet on the evening of the first day was attended by almost 200. It was in the crystal dining room of the Wareham hotel. Dr. E. F. Kubin was toastmaster, and toasts were responded to by Colonel R. J. Stancliff of the United States army; Dr. T. H. Ferguson, president of the American veterinary medical association; Dr. D. M. Campbell, editor of "Veterinary Medicine," published in Chicago, Ill.; and Dr. P. B. Darlington, of Chanute, member of the Kansas board of veterinary medical examiners.

A feature of the program was a motion picture taken in the Cook county hospital, Chicago, Ill., of a human being showing all the clinical symptoms of rabies. "Those seeing this picture feel that it cannot be too strongly urged that protective vaccination against rabies, by the Pasteur method, should be practiced in all instances where there is the slightest hint of having been bitten by a rabid animal," was the comment of Dr. R. R. Dykstra, head of the division of veterinary medicine.

LARGEST ATTENDANCE

The session had a larger attendance than any previous meeting. More than 200 registered, indicating, according to officials of the association, a renewed and widespread interest in veterinary medicine and a desire on the part of veterinarians to remain thoroughly up to date in their professional work.

One of the speakers on the association program was J. H. Mercer, commissioner of livestock for Kansas. His topic was "A New Shipping Fever."

Much of the loss in shipping livestock results from failure of the shipper to vaccinate, inoculate, or from failure to give proper care before shipping, Commissioner Mercer said. Shipping loss out of Kansas City and Wichita during December was estimated at \$50,000, on the basis of 1/2 of 1 per cent loss.

Investigations now are being carried out to determine the value of bacterines in preventing shipping losses. All cattle coming into the Wichita and Kansas City stockyards during the month of January are to be treated, and careful records kept, in order that the value of the treatment may be determined.

Topeka was chosen as the 1930 meeting place of the veterinarians.

Athletes Visit Campus

Bernard (Fat) Harter and H. G. (Hank) Webber, both K. S. A. C. graduates in '25 and prominent in athletics while in college, visited in Manhattan during the Christmas holidays. Harter, who starred as a center in football while studying journalism, now is on the sports desk of the New York American, New York City. Webber, who was outstanding both in football and basketball and later played professional football, is with a steel construction company in Los Angeles, Calif.

Salina Reunion

President F. D. Farrell was honor guest at a reunion of K. S. A. C. alumni in Salina January 8. A dinner at the Rorabaugh tea room was the feature of the early evening, and later an informal reception was held at the home of Charles W. Shaver, '15, and Mrs. Shaver, 17 Crestview drive.

THE KANSAS INDUSTRIALIST

Volume 56

Kansas State Agricultural College, Manhattan, Wednesday, January 22, 1930

Number 16

SOMETHING FOR ALL IN FARM HOME EVENT

PROGRAM COVERS MANY PHASES
OF AGRICULTURE

Features Address by Governor Reed,
Naming of Many Champions, Women's Meetings, and County Attendance Contest

Offering its annual Farm and Home week program this year on February 4 to 7, inclusive, the Kansas State Agricultural college again has arranged a series of agricultural meetings that will attract every type of farmer in the state. The four day arrangement used in recent years will be followed again with special emphasis upon the poultry flock, the dairy, livestock, and agronomy.

Nor will the farm housewife be overlooked, in fact she has special meetings scheduled each of the four days, beginning with the recognition of master homemakers on the evening of February 4.

GOVERNOR TO SPEAK

Reduced railroad rates will be in effect as usual and the annual county attendance contest will be held. A headline speaker for the second day, Wednesday, February 5, will be Clyde M. Reed, governor of Kansas. Arrangements will be made to broadcast his speech immediately after the basketball game in Nichols gymnasium between the Kansas Aggie five and the Kansas university team.

The opening day has been designated poultry day. Poultry men will share some of the limelight of the first day with a group of master farm homemakers of Kansas for 1929, who are to be presented at the general assembly in the evening.

The Kansas dairy cow will be in the spotlight February 5. One of the day's features will be the presentation of the production cup of the Kansas Dairy association to an individual dairyman.

POUR PRODUCTION CONTEST

February 6 will be livestock day when the hog, the beef cow, horses, and sheep will receive their share of attention. The pork production contest is the first thing scheduled for the day, with pasture problems, credit agencies, cattle diseases, and a livestock show set at intervals following.

Many visitors will divide their attention on the third day between the livestock meetings and the agronomy program. The Kansas Crop Improvement association, with E. H. Hodgson of Little River presiding, holds its meetings on this day. J. C. Mohler, secretary of the state board of agriculture, will be one of the speakers.

The last day of Farm and Home week, Friday, February 7, is officially agronomy day. One of the principal addresses of the afternoon session will be given by George W. Catts, agricultural commissioner of the Kansas City chamber of commerce, in which he will speak of several production contests, sponsored cooperatively by the organization he represents and the agricultural college.

HONOR CONTEST WINNERS

Winners of these contests will be honored at the Farm and Home week achievement banquet at 6:30 Friday in the college cafeteria. The wheat champion, corn champion, and other winners, who will have been previously announced, will be publicly presented at the banquet.

The Kansas Associated Garden clubs will have an annual meeting February 5. Mrs. W. A. Flynn of Wellington is president and will furnish programs on request.

On the second day of the farmers' meetings is to be featured a beekeepers' program and an agricultural engineering program. Friday special sessions of an agricultural economics program have been scheduled. College specialists and farmers or other authorities appear on the programs.

PROGRAM FOR WOMEN

Then there is the schedule of events appearing under the heading of the home economics program. Where

other divisions of the farm business are apportioned a day or two, the farm woman has a program all her own, and it lasts the four days of farm and home week. The general subject of intelligent purchasing for the home comes up for discussion. Throughout all the women's programs recreation and entertainment are to be stressed.

President F. D. Farrell of the college has urged Kansans to attend this annual farm week for inspiration, for information, and for social diversion. Copies of the program may be obtained from L. C. Williams at the college.

HAMMAD HELPS BUILD TURKISH AG SCHOOL

K. S. A. C. Graduate of 1926 Works
Hard to Get New Institution
Ready to Open Next Fall

Building of a modern agricultural school for his people is the latest activity of J. H. Hammad, '26, who now is farm manager of the new Arab Agricultural school at Tulkarem, Turkey, according to a recent letter received by Dean L. E. Call. Hammad was promoted from the entomological service of his department of agriculture to his present position.

The new school, both agricultural and mechanical in scope, will open in September, 1930. It will have a dairy herd and have a creamery, including butter and cheese making machinery to be run by the boys of the school, to serve the public as a nucleus toward cooperative dairying. A canning and bottling plant for the fruits of the territory, an apiary, modern poultry equipment, and an orchard, are among the things planned by Hammad, who is planting the orchard. Sample sheets of the various record sheets kept by K. S. A. C. are being sent to Hammad for adaptation by his school.

"Honestly, from the day I joined the government service I have not had any time to myself," Hammad says. "There are no holidays and I have done everything from general advertising on insect and pest control to fighting plagues of locusts in Palestine, Syria, and Transjordan, in deserts, barren mountains, and everywhere."

"I should be glad to receive copies of your bulletins published since May, 1926. In my new position I should like to do what I can for your station and my alma mater in general."

HELEN HEMPHILL NEW EDITOR OF KANSAS STATE COLLEGIAN

H. S. Dole, Almenna, Chosen as Business
Manager

Helen Hemphill, Clay Center, was elected editor of the Kansas State Collegian for the first nine weeks of the second semester, at a recent meeting of the Collegian board. H. S. Dole, Almenna, will be business manager, as he was elected for the second semester at a meeting of the board last fall.

Miss Hemphill has had a varied experience on student publications and last summer edited her father's paper, the Clay Center Economist, while Mr. Hemphill vacationed in California. She also was the winner of the college essay contest conducted last year by Jayhawk, the magazine of Kansas.

DELTA BASKETBALL TEAM WINS INTRAMURAL TITLE

Defeat Black Shirts, Independent Victors, 26 to 21

Delta Tau Delta won the college intramural basketball championship last week by defeating the Black Shirt club, champions of the independent division, 26 to 21. Andrew Skradski, Kansas City, was the Delt star, while H. A. Steiger, Menlo, led the losers. Skradski made six field goals while Steiger made four field goals and three free throws.

During the first few minutes of play the Delta Tau team jumped into a 12 to 2 lead, but at the half were ahead only 14 to 13.

KANSAS AGGIES FIRST IN DENVER CONTEST

PLACE HIGH IN LIVESTOCK JUDGING EVENT

Victory Makes Sixth Time in Eleven Years that K. S. A. C. Team Has Placed on Top—Judgers Coached by Prof. F. W. Bell

The junior livestock judging team representing Kansas State Agricultural college in the intercollegiate contest of the National Western livestock show in Denver last Saturday won first place by a margin of 149 points over its nearest rival, Nebraska. It was the sixth time in 11 years that the Kansas team had won the highest honors and meant the first lap in another race for permanent possession of the trophy offered by the show. Last year, by reason of its first placing, the Kansas team won permanent possession of a trophy.

The scores of various teams in Saturday's contest were Kansas 3,605, Nebraska 3,456, Wyoming 3,362, Utah 3,336, Colorado 3,319.

Members of the Kansas team, coached by Prof. F. W. Bell, were George Brookover, Eureka; Will M. Myers, Bancroft; E. S. Schultz, Miller; John L. Wilson, Geneva; B. R. Taylor, Alma, and Carl Williams, Dodge City, alternate.

Brookover was high individual in the contest, winning the honor which R. W. O'Hara won for the Aggies last year. Brookover also won the trophy offered in the judging of fat stock. Second high individual honors went to Wilson of the K. S. A. C. team, and fifth placing to Taylor. Schultz was seventh and Myers eighth.

In judging the various classes of livestock the Kansas team ranked first on beef cattle, sheep, and horses, and second on swine. Taylor was high individual on cattle, Brookover was first on swine, and Myers was second in placing horses.

COLLEGE GLEE CLUB PLANS MINSTREL SHOW

Men's Glee Club Will Use Proceeds to Pay Expenses to Missouri Valley Intercollegiate Contest

"Glee Club Gambols," a black-face minstrel show, will be presented February 12 in the college auditorium, under the direction of William Lindquist, professor and head of the department of music. Choruses will include 50 voices, with several solo parts and 11 specialties.

Proceeds from the show will go toward paying the club's traveling expenses to the annual Missouri Valley glee club contest, at Norman, Okla., the latter part of February.

MUSIC FACULTY TO GIVE EIGHT TWILIGHT RECITALS

First of Series Presented Last Sunday Afternoon

The first of the series of eight "twilight musicales" to be given by members of the K. S. A. C. music department faculty was presented at 4 o'clock last Sunday afternoon in the college auditorium by Miss Hilda Grossmann and Miss Edith Goerwitz.

Dates of the remaining musicales are as follows:

January 26—Miss Velma Talmadge and Max Martin.

February 2—Richard Jesson.

February 9—College quartet. (William Lindquist, Miss Hilda Grossmann, Miss Velma Talmadge, Edwin Sayre.)

February 16—Miss Marion Pelton and Miss Velma Talmadge.

March 2—College trio. (Richard Jesson, piano; Max Martin, violin; Lyle Downey, cello.)

March 9—Miss Ruth Hlavaty and Edwin Sayre.

March 16—Miss Clarice Painter and Lyle Downey.

Big Six Scores

(Games in the conference, only)
Kansas U. 37, Iowa State 16.
Missouri 27, Nebraska 21.
Iowa State 34, Oklahoma U. 33.
Oklahoma U. 20, Nebraska 85.
Kansas Aggies 24, Oklahoma U. 23.

Alumni Night, February 14

The annual alumni night broadcast over station KSAC will be Tuesday evening, February 14, from 7:30 to 10 o'clock at night. At 7:30 the Missouri university-Kansas Aggie basketball game will take the air, followed by a program of singing and a few short talks.

Mark February 14 as Kansas Aggie night and tune in on station KSAC.

TEN AWARDED DEGREES AS MASTER FARMERS

One K. S. A. C. Graduate and Three Fathers of Aggies Included in List of Kansans Honored

One K. S. A. C. graduate and three fathers of Kansas Aggie sons or daughters were awarded the degree of master farmer of Kansas at Topeka January 17.

Harlan Deaver, '10, was one of the 10 Kansas farmers honored by the Capper publications. Mr. and Mrs. Deaver live near Sabetha in Brown county. The following citation was given by Floyd B. Nichols, '12, managing editor, Capper Farm press, in making the award to Mr. Deaver:

"A man who is convinced that no work in life is more important or holds more promise than agriculture. And he is emphatic in saying that 'What retiring is done in his family will occur right on the farm.' And why should this master farmer and his wife ever wish to leave their farm?"

"They have one of the finest homes in the state and know how to enjoy it. If there is any convenience or labor saving equipment lacking in this strictly modern house, we failed to note its absence. Mrs. Deaver designed this strictly modern home and included a special space for everything from brooms to electric refrigerator. Out on the farm things are just as efficient and results equally as good. Mr. Deaver follows the most approved methods with his farm work, and his program is especially well diversified. Shorthorn cattle, sheep, purebred hogs, and a fine flock of poultry turn a good share of high yielding crops into cash. The children will receive college training, and, of course, they are enjoying every advantage as they grow up. Mr. Deaver belongs to the farm bureau and is vice-president of this organization; is president of the anti-thief association, and president of the fall festival fair.

John Coolidge, Sr., Greensburg, the father of John Coolidge, Jr., '25, county agent of Gray county, was also named as one of the master farmers for 1929.

Another 1929 master farmer, William C. Mueller, Hanover, has one son, Albert Mueller, who graduated in animal husbandry at K. S. A. C. in 1924 and now is also engaged in farming at Hanover.

Hester E. Kinkead, f. s., Mary L. Kinkead, '29, George W. Kinkead, Jr., f. s., and Oscar E. Kinkead, f. s., deceased, all attended K. S. A. C. Their father, George W. Kinkead, Sr., Troy, was also awarded the master farmer degree.

Each of the 10 master farmers, in addition to being successful in the farming business, was commended for his interest in community and civic affairs and for providing ample educational opportunities for his children.

Basketball Schedule

Dec. 18—St. Marys 18, Aggies 36.
Dec. 20—Kansas Wesleyan 19, Aggies 32.
Jan. 3—Colorado college 34, Aggies 53.
Jan. 4—Colorado college 28, Aggies 35.
Jan. 10—Nebraska 41, Aggies 39.
Jan. 13—Missouri 34, Aggies 21.
Jan. 17—Oklahoma A. & M. 35, Aggies 47.
Jan. 21—Oklahoma U. 23, Aggies 24.
Jan. 31—Iowa State at Ames.
Feb. 1—Nebraska at Lincoln.
Feb. 5—Kansas U. at Manhattan.
Feb. 11—St. Louis U. at Manhattan.
Feb. 14—Missouri at Manhattan.
Feb. 18—Kansas U. at Lawrence.
Feb. 21—Iowa State at Manhattan.
Feb. 24—Oklahoma U. at Norman.

WHO CAN GIVE CAMPUS MOST SUITABLE NAME?

THAT'S WHAT COMMITTEE WANTS TO KNOW

Kansas State Collegian Continues Contest and Urges K. S. A. C. Alumni to Suggest Names—\$25 Is Reward for Winner

Conclusion of a contest to select a name for the K. S. A. C. campus, being conducted by the Kansas State Collegian, student newspaper, recently was postponed until April 15 by the committee, which felt that no suitable names were suggested. A prize of \$25 is offered to the person selecting a suitable name of not more than three words.

No limit is placed upon the number of suggestions that can be made.

Several dozen suggestions were received by the committee prior to the first closing date announced, January 9. They came, among other places, from New York, Illinois, Texas, and Florida.

Proper names popular with the contestants have been Jardine, Farrell, Willard, and Curtis. Many "mounts" have been suggested, as Mount Carmel, Mount Parnassus, Mount Hope, Aggiemount, Fairmount. One wag who apparently had made the acquaintance of Touchdown the Second suggested Catamount. Other suggestions included Ivy Hill, Rocky Hill, Posterity's Promise, K-Aggie Kamp, Kaw Hill, Dickens Heights, K-naam, and Opportunity Hill.

Titles which the Committee considered but finally rejected included K-Mount, Purple Heights, Bluemont Park, and Purple Mound.

Members of the committee of judges are: Dr. F. D. Farrell, president of the college; Prof. H. W. Davis, head of the English department; F. E. Charles, assistant professor of journalism; Miss Grace Derby, assistant librarian, and John C. Watson, editor of the Collegian.

GADEN WINS TITLE OF MASTER FARMER

Oklahoma Farm Paper Picks Aggie as One of 12 in State—Is Youngest of Group

H. C. Gaden, '14, of Seiling, Okla., has been chosen as one of the master farmers of that state for 1929. He is the youngest by eight years of the 12 men on the list, and takes second place according to assets.

Gaden serves as clerk of his consolidated town school district, a member of the church board, superintendent of the Sunday school, president of the county farm advisory board, president of the county pure seed association, a member of the commercial club, secretary of the community board, and a member of the election board.

Gaden and Mildred (Hollingsworth) Gaden, '15, have just completed a 10 room English cottage, completely modern and up to date, on their farm. A Heico wind electric furnishes light and power. The Gadens have two adopted children, Dean, 7, and Patsy Lee, 4.

Selection of the Oklahoma master farmer was made by the Oklahoma Farmer-Stockman, of Oklahoma City.

MELCHERS DELIVERS 3 TALKS ON AGRICULTURE OF EGYPT

Botany Department Head Talks at Great Bend and Hays

Prof. L. E. Melchers, head of the department of botany and plant pathology, was the main speaker at the banquet of the annual Kansas state farm bureau which met at Great Bend January 15. He illustrated his talk on "Egyptian Agriculture" by lantern slides.

On the evening of January 20 he addressed the faculty and students of the Kansas State Teachers' college of Hays with an illustrated talk on "Life and Scenes Along the Nile." He spoke to the members of the Hays Rotary club at their noonday luncheon.

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R. I. THACKREY..... Assoc. Editors
KENNEY L. FORD..... Alumni Editor

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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ASIA'S ALSACE-LORRAINE

Manchuria is the Alsace-Lorraine of Asia, says No Yong Park, an educated twentieth century Chinese in a recently published book entitled, "The Making of a New China."

Manchuria, which belongs to China, is coveted by the union of Soviet republics and by Japan because it is potentially one of the richest areas in the far east.

Situated in about the latitude of Minnesota and the Dakotas, and with approximately similar climate, Manchuria is larger than France and Germany combined. It has immense deposits of iron and coal and it has a large strip between two mountain ranges admirably adapted for the raising of wheat and other cereals. It can easily support a population of 80,000,000, and at present there are in it not much more than 20,000,000. Of these 18,000,000 are Chinese, and more than 1,000,000 are Japanese.

Japan at present exercises an economic overlordship over Manchuria by reason of owning railroads, mines, banks, and having control over transportation facilities.

The Soviets, in principle, are innocent of any desire to annex property of others, but the recent trouble with China shows their altruism is tinged with more sordid considerations.

Japan has manifested a desire to be the dominating power in Manchuria ever since her war with Russia, though from time to time she has made pacific declarations as diplomatic exigencies dictated. The Chinese are under no illusions in the matter. They know what happened to Korea and they are convinced that Japan will never leave Manchuria except at the point of the bayonet. Japan is suffering from overpopulation of her own islands, and Manchuria, if acquired, will settle this problem for the next century.

But China, after nearly a century of foreign oppression and exploitation, and after centuries of tyrannical and incompetent and dishonest government, is awakening. The struggle toward nationalism is being won slowly, but it is being won.

When China has set her own house in complete order it will be time for the foreign exploiters of her territory to retire before they are driven out, because 400,000,000 awakened and enlightened Chinese will not tolerate alien domination of any part of their rightful possessions.

The Japanese obtained their literature and their skill in handicrafts from the Chinese, and, it would appear, the time is not far distant when they may learn something about fighting from their ancient mentor.

Alsace and Lorraine were recovered by the French, and history seems certain to repeat itself with respect to a similar trouble-breeding area in the far east.

QUILL POEMS

"Quill Poems, 1929," published by Ur Rune of the American College Quill club and the department of industrial journalism and printing of Kansas State Agricultural college, Manhattan, Kansas.

This is an attractive format for a small volume of college poems. It is a white booklet 4 1/2 inches by 6 1/4 inches. It contains 30 pages of poems by members of Ur Rune of the American College Quill club at Kansas

State Agricultural college. Most of the contributions are by students, many of them in the journalism department of the college. A few are by faculty members.

Well represented in the booklet is F. Marshall Davis, with five or six poems. His work seems the most mature of that here printed. A few lines from his "Death" will illustrate:

death
is a wedding
nothing more
the individual
and the universal
become one
man cannot struggle
and overcome
all that is
death ends the fight
satisfactorily
and who is there
to change this?

The omission of capitalization and punctuation makes this harder to read, but young poets nowadays must have their fun. Mr. Davis is not the only contributor who enjoys himself in that direction. As long as his lines convey some meaning, we can forgive him. It is more than we can do for newton cross who gertrude steined "contrast" on page 10.

Other contributors are Alice C. Nichols, D. Grinstead, Frances Clammer, Elsie Hayden, Helen Sloan, H. W. Davis, Oma Bishop, Walter Burr, Eula Mae Currie, A. W. Breeden.

The editors of the collection are R. W. Conover, R. I. Thackrey, and H. W. Davis.

About a year from now we hope to see "Quill Poems, 1930." —From the Kansas City Star, January 18, 1930.

MIDDLE CLASS POVERTY

The hardest element in middle class poverty is not the big sacrifices—the going to work oneself that a gifted brother or sister may go to college; the giving up, as one doctor did, of a lucrative city practice and all that went with it, to work among the farmers in a Vermont village. There is drama in that. Nor is the hardest thing the very long hours of work required. The young professional man often sits up till 1 or 2 in the morning writing book reviews or doing other hack work to eke out his income. The wife of one such man, a clergyman, sews every night until midnight, then rises at 6 to care for the baby. The baby's brother, who has no playroom, amuses himself mornings by putting soap suds into the custard and clothespins into the cake batter while his mother is answering the pastor's telephone calls.

The hardest thing is the never having any leeway either in time or money, the having to put the brakes on every impulse that might lead one away from the financial chalk line.

"It's not the stinting on shoe laces," as one man put it, "it's the never being able to take a flyer on the stock exchange." It is this handling of every penny till the skin is worn off your fingers that kills, in many of us, what is most individual and worth saving. It is this that gives to the middle aged woman among us who does the penny hoarding that suggestion of pressed flowers from whom the pages of the book of life have squeezed out all the juice.

—Anonymous writer in Scribner's.

FARM RELIEF, BOILED DOWN

As a rule, the annual individual income of a farmer is taken each year from approximately the same acreage and the same amount of farm produce. So farm relief to the farmer boils down to this question: Will the produce from his farm buy more in exchange for necessities than during the past eight years?

In that period farm people have not fared very well. The value of their properties shrank from 79 to 58 billions of dollars. The total buying power of their products fell 25 per cent as compared with prewar days, climbed slowly back to 8 per cent under normal, and fell again to its present position, 15 per cent below prewar levels.

With taxes 250 per cent above the prewar assessments and the hired man drawing \$1.70 whereas he formerly got \$1, with the prices of almost every farm requirement higher relatively than the prices of farm products, conditions bore so heavily on agriculture that the farming population in eight years dwindled by 3,200,000. A sad feature of this trek to the towns was that much of it occurred from the richest farming sections and an unusually high percent-

age of the younger farmers abandoned their vocation. —Charles W. Holman in World's Work.

FUTURE OF COLLEGE BY RADIO

It probably is not feasible as yet to use radio for what is called formal education, the kind that carries college credit, except as a supplement to correspondence study. For this supplementary use radio can be made extremely valuable. It does not require much imagination to look forward to a time when we shall have a combination of radio and television with which it will be possible to broadcast illustrated lectures. When and if that time comes it may become a common practice for colleges to project lectures from classroom or laboratory to an audience distributed

hours with his uncle and aunt, Mr. and Mrs. S. M. Fox. He was making a tour of a part of the country for the purpose of becoming acquainted with the alumni of Dartmouth college.

THIRTY YEARS AGO

Paul C. Milner, '91, was assistant exchange teller in the Illinois Trust and Saving bank of Chicago.

Callie Conwell Thoburn, '91, took up postgraduate work in domestic economy here. She also assisted by teaching some of the preparatory classes.

The following alumni were present at a banquet for the members of the Kansas Improved Stock Breeders' association by the Topeka Commercial club: H. W. Avery, '91; H.

HYACINTH

Edna St. Vincent Millay in "The Harp-weaver and other Poems"

I am in love with him to whom a hyacinth is dearer
Than I shall ever be dear.
On nights when field-mice are abroad
he cannot sleep:
He hears their narrow teeth at the
bulbs of his hyacinths.
But the gnawing at my heart he never
hears.

SUNFLOWERS

H. W. D.

THE CASE OF EMORY

Take the case of Emory Belnap, for instance. He believes in heavy flannelette pajamas during January and February and has accustomed himself to their warmth and protection.

A year or so ago, in a moment of color ignorance, he purchased two suits of the same pattern—vertical pin stripes set close together with a sombre effect, extremely sombre as pajamas go nowadays. One suit was blue and the other was purple—that is, the pin stripes were—originally. Occasional launderings have since somewhat dimmed the intensity of the original hues.

With the approach of the joyous Christmas season just past Emory naturally bethought him of the advisability of shifting from cambric to flannelette. One frosty night he dived to bottom of the lower drawer in his dresser and came up gleefully with a suit of the comfortable, fleecy things. At least he had a coat and a pair of trousers.

At the end of the week he meticulously deposited them in the clothes chute and began the use of the other coat and trousers. For three or four weeks things went well. The nights were cold, but the pajamas were warm; and Emory slept wonderfully, wholly unconscious of the disharmony around him.

Came a day when Mabel, his wife, made a discovery. She was sorting laundry in the brilliant light of a fifty-watt washroom lamp, undimmed by any kind of art shade. She came to Emory's pajamas. Horrors! The coat was blue and the trousers were purple. More horrors! Could Emory have been violating the most sacred of the laws of color harmony for a month or more? Could he actually have slept in a violation of that law? The evidence, though entirely circumstantial, seemed to be wholly against him.

She first thought of rushing madly to the telephone, calling his office, and apprising him of the disaster. But that would do no good. His dereliction was nocturnal anyhow, and they could talk over the situation at dinner in the evening. Gradually her calmer self prevailed.

After the dessert Mabel brought the matter up—as tactfully as one could. Maybe too tactfully. For Emory showed little or no disposition to be concerned. Indeed, he was inclined to be argumentative and defensive.

He pointed out that the male of the species, at least, makes no public or semi-public appearance in pajamas. As soon as he puts them on, he turns out the light, crawls into bed, and pulls the covers over him. Physicists assert that in the dark there is no color, that even yellow is black; so, once a man is in bed and the light out, what difference does it make whether his pajamas be ecru or Coolidge blue? Besides, he had never slept better in all his life than he had slept during the past month. Indeed, Mabel herself had charged that he had never snored more enthusiastically.

Emory was mightily pleased with his own reasoning. It seemed a little the best he had ever done. But it availed him naught. Mabel was as stubborn as he, and insisted that after all she had done to beautify the home, etc., etc.

Poor Emory! His situation is deplorable. Discord has entered his home. He can't wait for the laundry to effect a harmony between coat and trousers without losing two or three nights' sleep. He can't switch to cambric without contracting pneumonia. His wife hates him. And it looks like a long winter.

How the Farm Board Functions

James C. Stone

It is impossible for the federal farm board to deal direct with the individual farmer. Under the terms of the agricultural marketing act, the board may, with exceptions not here important, lend only to cooperative associations which are qualified under the Capper-Volstead act of 1922.

To qualify under the Capper-Volstead act, the cooperative must be composed of persons engaged in the production of agricultural products, as farmers, planters, ranchmen, dairymen, nut or fruit growers, acting together in associations, corporate or otherwise, with or without capital stock, in collectively processing, preparing for market, handling and marketing in interstate and foreign commerce, such products of persons so engaged. Such associations may have marketing agencies in common; such associations and their members may make the necessary contracts and agreements affecting such purposes.

Under the provisions of the act, however, such associations shall be operated for the mutual benefit of their members and conform to one or both of the following requirements:

- (1) that no member of the association is allowed more than one vote because of the amount of stock or membership capital he may own therein; or
- (2) that the association does not pay dividends on stock or membership capital in excess of 8 per cent per annum.

Another requirement of the act is "that the association shall not deal in the products of non-members to an amount greater in value than such as are handled by it for members."

In order effectively to carry out the provisions of the act, the board has already assisted in the formation of several national cooperatives representing particular commodities. Others will be formed in the future. If and when such national cooperatives are formed, it is the policy of the board to require that all local, state, or regional cooperatives shall affiliate with the national and receive the benefits of the agricultural marketing act through this national affiliation.

It is the desire of the board that proper reserves be set up by the cooperatives to meet their own peculiar conditions. In such cases, provisions should be made for the ultimate distribution of such reserves and for the distribution of all other earnings, except the limited dividend requirements of capital stock cooperatives, upon a patronage basis.

Any such associations as above described will be eligible to do business with the federal farm board without the necessity of coming through or joining with any other organization.

within a radius of 500 or even 5,000 miles, the persons in the audience seeing and hearing the lecturer almost as clearly as if they were in the room with him. But until that time comes the use of radio for formal education for college credit is likely to be sharply limited.

—F. D. Farrell.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Rose Straka, '18, was hospital dietitian at Camp Cody, N. M.

R. S. Hawkins, '14, was assistant agronomist at the University of Arizona, Tucson.

H. L. Pellet, '93, was residing with his family at 174 North Bonnie avenue, Pasadena, Calif.

TWENTY YEARS AGO

Dean J. T. Willard was working on the schedule for the spring term.

Superintendent J. D. Rickman attended a meeting of the teachers of journalism in colleges and universities of the United States, at Lawrence.

E. F. Nichols, '88, president of Dartmouth college, visited a few

M. Cottrell, '84; J. G. Haney, '99; L. H. Neiswender, '84; and J. T. Willard, '83.

FORTY YEARS AGO

J. E. Taylor served in the dual capacity of college postmaster and mail carrier.

O. G. Palmer, '86, principal of the Alton schools, wrote of a successful year in his work.

George E. Rose, f. s. in 1880, was secretary of the Missouri Valley Horticultural society, with headquarters at Rosedale, Kan.

President Fairchild, Professor Popenoe, and Secretary Graham were elected members of the state historical society at an annual meeting.

FIFTY YEARS AGO

George Moses and Abbie Streeter, well known among former college students here, were married.

The members of the senior class delivered original orations before the faculty and students of the college.

At a meeting of the Webster society, Mr. Wylie and Mr. Cripps were initiated and B. Buchli, J. W. Hamilton, and Milan T. Ward were proposed for membership.

AMONG THE ALUMNI

Amos L. Cottrell, '03, is a fruit grower at Aptos, Calif.

G. H. Callis, '25, is principal of the high school at Riverton.

Dr. H. D. O'Brien, '11, is engaged in veterinary practice at Russell.

Joseph J. Hendrix, '26, is principal of the rural high school at Vilas.

The address of Myron E. Huscher, '28, is c/o Dow Chemical company, Midland, Mich.

Ralph L. Miller, '29, Norton, is at Floral Park, Long Island, in the Bell telephone laboratory.

Matilda L. Ziller, '17, is a teacher in the Evanston township high school, Evanston, Ill.

Ralph A. Van Trine, '19, is with the Cumberland Valley telephone company, Harrisburg, Pa.

Donald A. Yandell, '23, is co-owner and operator of the Newark dog and cat hospital, Newark, N. J.

L. D. Keller, '24, is employed in the research department of the Ralston Purina company, St. Louis, Mo.

Floyd R. Oliver, '25, is assistant engineer in the Labette county highway department, with headquarters at Oswego.

Richard I. Harris, '12, is construction engineer for the American Monorail company, with headquarters in Philadelphia, Pa.

Alma L. Wilkin, '20, is a teacher of foods and home management in the College of William and Mary, Williamsburg, Va.

The home address of H. M. Thomas, '98, and Jeannette (Perry) Thomas, '98, is 340 North Ritter avenue, Indianapolis, Ind.

Mrs. Bigelow is the wife of Walter Bigelow, '28, who is construction engineer for the Kansas Gas and Electric company at Wichita.

R. A. Baldwin, '13, is working as electrician's helper at the new electric refining plant of the Nichols Copper company in El Paso, Tex.

Virginia Messenger, '22, holds the position of associate professor in the department of home economics education, Oklahoma A. and M. college, Stillwater.

J. William Wilkinson, '05, holds the position of agricultural publicity agent for the Missouri Pacific Railway company. His headquarters are in St. Louis, Mo.

R. A. Graves, '20, 1330 Grand avenue, Kansas City, Mo., is editor of the Tie, a magazine published by the Mutual Benefit association of the Kansas City power and light company.

Harry R. Wilson, '26, who has been a teacher in the Eureka high school for the last three years, is making plans for enrolment in Columbia university, New York City, to work toward a master's degree in musical education there.

R. F. Morris, '25; E. L. Sloan, '29; William S. Reeder, '28; and I. A. Wojtaszak, University of Michigan, who formerly taught in the applied mechanics department at K. S. A. C., are doing graduate work toward their master's degrees at the Massachusetts Institute of Technology, Boston, Mass.

Z. B. Freeman, Oklahoma A. & M. college, and Claire (Foster) Freeman, '23, are living in Ann Arbor, Mich. Mrs. Freeman, who has completed six months' training as a student dietitian at St. Joseph Mercy hospital, is now dietitian at that hospital, and Mr. Freeman is doing graduate work in vocational education at the University of Michigan. Mrs. Freeman also plans to begin graduate work next semester.

MARRIAGES

STRATHE—MOGGIE

The marriage of Mary Strathe, McCune, to Maurice Moggie, '29, Eskridge, took place December 21 at Bonner Springs.

MANEY—KERR

Ophie Maney, of Tampa, Fla., and William C. Kerr, '24, of Manhattan, were married January 15 in Tampa. Mr. and Mrs. Kerr will make their home in Tampa.

BROWN—MURRAY

Beatrice Brown, '29, and Harold Murray, '29, both of Manhattan, were

married in Manhattan on December 20. Mr. and Mrs. Murray are at home in Arkansas City, Ark.

MASHETER—CONRAD

Dr. B. W. Conrad, '95, and Mrs. Estella Masheter were married December 9. Doctor Conrad is a practicing veterinarian at Sabetha. He received his D. V. S. degree from the Kansas City Veterinary college in 1907.

BROOKS—MOODY

Announcement has been made of the marriage of Helen Brooks and Leslie Moody, '28, which took place in Kansas City December 25. Mr. Moody teaches in a boys' school in Kansas City, where he and Mrs. Moody will make their home. Mr. Moody was a prominent track man while in college.

NIXON—LEASURE

Freda Nixon, Topeka, and Dr. Elton E. Leasure, Solomon, '23, were married December 21 in Kansas City. Doctor Leasure is an assistant professor of animal pathology at K. S. A. C., and Mrs. Leasure is a student at the college. Doctor and Mrs. Leasure are at home at 1531 Leavenworth street, Manhattan.

MORGAN—LANGFORD

Announcement has been made of the marriage of Louise Morgan, f. s., and Harvey Langford, graduate of Kansas university, which took place in Kansas City, Mo., December 28. Mr. Langford is now district manager of the John Deere Plow company, with headquarters at Boulder, Colo., where he and his bride are at home.

BIRTHS

W. R. Pendleton, f. s., and Dolly (Varner) Pendleton, f. s., of Winfield, announce the birth of a daughter on November 9 to whom they have given the name Patricia Sue.

LOOKING AROUND

KENNEY L. FORD

Is distance a factor in alumni interest in K. S. A. C.? Is an engineer in China as eager to learn the score of a football game as an alumnus in Wichita? How much pride has a missionary in India for the new library building? We wonder if they know or care that McMillin's K-Aggies lost the Big Six championship to Nebraska, or that K. S. A. C. is growing and improving the quality of its instruction and its service to Kansas. Anyway, we would be glad to hear from any of our alumni "over there," including those listed below, about their work, themselves, their families, their experiences, and their interest in K. S. A. C.:

Ernest Hartman, '23 and '24, Ph. D., Johns Hopkins university, '26, is a professor in Lingnan university, Canton, China.

Harriett P. Morris, '18, is doing missionary work in Ewka Haktang, Seoul, Korea.

Abraham R. Saunders, '23, is a teacher of agriculture, school of agriculture, Potchefstroom, N. South Africa.

Jamal H. Hammad, '26, is an agricultural specialist in the department of agriculture, Jerusalem, Palestine.

Otto Githens, '18, is a congregational missionary in Amanzintote institute, Adams Mission station, Natal, South Africa.

Theunis Munnik Kleinenberg, '26, is located at Petersburg, South Africa.

Thomas N. Hill, '09, is doing missionary work at Jhausi, N. P., India.

Jerome Cooley, '07, is a telephone engineer with headquarters at the Rua de April, '67 (Caixa "Y" Companhia Telefonica), Brasileira, Sao Paulo, Brazil, South America.

The address of George H. Winters, '23, is c/o American Consul, Mexico City, Mexico.

Herbert M. Low, '24, who is an electrical engineer, may be addressed c/o Dr. D. P. Robinson, Estacion Federico Lacroze, Buenos Aires, Argentina, South America.

Delmar C. Anderson, '23, is a civil engineer with the W. E. Brown Land company, Ltd., Nassau, Bahamas.

Loua (Blachly) Freeman, '01, is in Port au Prince, Haiti.

Eloise (Morrison) Templin, '20, is a Methodist missionary, c/o Baroda camp, India.

EGYPT'S PYRAMIDS SEEN BY SAPPENFIELD

DONKEY POWER USED ON VISIT TO ANCIENT RELICS

American Box-Car Residents Much Cleaner Than Poorer Arabs, Aggie Traveler Reports—Natives Walk to Funerals

The following letter from H. D. Sappenfield, '26, was written a few days after that published in a recent issue of THE INDUSTRIALIST. It takes up his experiences in Egypt, and describes a visit to the pyramids.

"Last Monday I was still in Palestine. In the morning I took a trip to Bethlehem that was very interesting. I visited the cave place where Christ was born and the place of the manger. I also saw the cavern where Jerome spent 30 years translating the first Bible. At the edge of town I could see across the valley where the shepherds watched their flocks on that first Christmas day.

"Tuesday morning at 8:30 I started by train for Cairo. Joe, my new friend, certainly hated to see me go. He gets rather lonely by himself. I traveled all day through desert land and got in here at 10:30 at night. I have never seen such barren country in my life. There were very few people living on this land and I don't see how they manage to exist.

TO PYRAMIDS VIA DONKEY
"I certainly had quite a trip today and I am rather tired tonight. I had a chance to get a guide very cheap to the Step pyramids and the sleeping statue of Rameses II about 18 miles from here. There are no railways out there so you must go overland. We took a street car as far as the great pyramid of Cheops. From the great pyramid we rode donkeys out over the desert. By the time we got back we had ridden 27 miles and that distance on a donkey is some ride. I also got sunburned good and plenty, although it didn't seem very warm.

"When I got to the Step pyramids I visited the tombs of many kings. There were three different groups that I entered. One was out in the desert away from the pyramids, underground, of course. In this place was a room where the king was buried, a room for the queen, and others for high priests, relatives, etc.

"Another group of tombs was under the Step pyramid and are entered by means of a long, sloping passage where one had to bend over as one walked.

"Another group was formerly beneath a temple and was 110 feet below ground, reached through a narrow square shaft by means of many steps. When it was discovered the shaft was filled with stone and rubbish and all that had to be dug out.

ALL TOMBS DECORATED

"Practically all of the tombs are decorated alike with thousands of images carved on the walls. There are images of the king and his family, birds, cattle, dogs, fish, etc. Many of the carvings are in colors and everything has been preserved remarkably well. Of course, all the mummies have been removed to the various museums, but the interest still remains.

"One group of tombs that I was in dates back 5,433 years ago. It is very difficult to realize that they are so old, as they have been well preserved. Tomorrow I am going on top of the great pyramid and into the inside. On one side of Cheops is a large hotel and several buildings, al-

though there is nothing but desert on the other side.

"While in the desert today we ran across an Arabian funeral procession. There were about 100 people all walking and driving their donkeys ahead of them. Everyone was dressed in black from head to foot. The body was being carried in a wooden box to be placed in the desert sand under a pile of rocks.

"On our return we passed a native village not far from the pyramids, and how the people live in their mud huts in the filth and dirt is more than I can understand. Our Mexican section hands living in box cars in the United States are ten times cleaner than those poorer Arabs. These desert tribes are really very primitive. I saw two women grinding grain with stones exactly like they did even before the time of Christ. And, believe me, the women do 95 per cent of the work.

"Tomorrow night I may take a train to Luxor and spend Saturday in seeing the great temples at Karnak with the enormous statues, and also try and see the Valley of the Kings. I think I can do it all in one day as the places are not far apart.

"Then I will spend about a day in the museum here, where most of King Tut's things are, and where the best Egyptian collection in the world is supposed to be located. Then after another trip about the city and along the Nile, I will have seen Egypt fairly well for a short stay. It really is too expensive to stay very long as this is a great resort place for the British people and prices are high accordingly.

"I will probably sail for India sometime next week in order to beat the winter tourists there and get cheaper accommodations on board the boat."

OUR OWN FOLKS

In response to a recent suggestion that Aggies and former Aggies should provide more songs for use at K. S. A. C. "events," the following have been contributed by Fannie (Waugh) Davis, '91.

MEMORIES OF KANSAS

(Tune of "Duna")

When I was just a little thing, before I'd learned to play,
I used to wander up and down picking wild flowers all the day.
I kept my Mother worried for fear too far I'd roam,
And even now the prairie flowers of Kansas call me home.

When I grew a big girl and went away to school,
I could not pick the flowers—it was against the rule.
And so I studied daytimes, but oft at night I'd roam,
And even now the starry nights of Kansas call me home.

And then there were the little winds that blew about our door,
And often there were big winds that came with runs and roar.
Oh, I love the winds of everywhere, on land or briny foam;
But the merry winds of Kansas call me home.

Where e're I live the sunshine is pleasant to behold,
But still the Kansas sunshine which I knew in days of old
Is just a little different; so wherever I may roam
'Tis the sunny skies of Kansas call me home.

For each 100,000 population the United States has 78 fatal accidents, England has 50, Germany 36, Sweden 35, and France 29.

It used to be necessary to have a state oil inspector to see that no gasoline was put into the kerosene so the lamps would be safe. Now the temptation is the other way round.

LOST, STRAYED, OR—

The alumni association will appreciate having corrections on addresses and news of graduates or former students. Write us.

Adams, Geneva Mae, '20
Fryer, Mrs. Kathryn (Adams), '22
Adams, Raymond V., '16, and
Mrs. Gladys (Grove) Adams, '17
Adamson, Edward E., '05, and
Mrs. Olive (Dunlap) Adamson, '05
Albers, Lula May, '15
Allen, Dale, '22
Allen, Richard N., '13
Anderson, Lawrence W., '14
Antle, Clifford L., '23
Armstrong, Ralph A., '09
Arnold, George Murray, '16
Arnold, Grant, '88
Foster, Mrs. Bertha (Batcheller), '88
Baer, Mildred Mae, '23
Bahgat, Mohammed Monir, '22
Bain, Avah L., '00
Baird, Raymond C., '11
Baker, Harvey Wilson, '10
Baker, Keatley Graham, '16
Bakkie, Melva Beatrice, M. S., '22

Baldwin, Raymond A., '13
Barr, William A., '11
Bassett, Capitola Belle, '25
Bate, Louis B., '21, and
Mrs. Elsa (Brown) Bate, '21
Samson, Mrs. Cleo (Beall), '15
Beardsley, Wilson S., '27
Beckett, Clyde E., '20
Beedle, Adelaide Evelyn, '20
Beighle, Ernest Elmer, '08
Bell, Lester Jay, '15
Billings, Everett Allen, '20
Birks, Hobart McNeil, '18
Bishoff, Roger William, '97
Blair, Albert E., '99
Blake, Charles Harrison, '13
Campbell, Mrs. Dorothy (Blazer), '14
Grattan, Mrs. Ruth (Elevins), '13
Bodde, Alexander T., '11
Bowman, Roy C., '07
Boyd, Homer Conley, '21

RECENT HAPPENINGS ON THE HILL

K. S. A. C. women have been taking lessons in bowling during the past week.

The annual inter-society oratorical contest will be held February 15 in the college auditorium.

Beauty will be the basis of selection of the queens for the 1930 Royal Purple, according to announcement of Milton F. Allison, Great Bend, the editor.

Prizes totaling \$25 are offered in the annual advertising writing contest sponsored by the United Light and Power company, among students of K. S. A. C.

Final examinations, now on in full swing, will be concluded Saturday, January 25. Registration for the second semester will be Tuesday and Wednesday, January 28 and 29.

Prof. R. I. Throckmorton returned to K. S. A. C. last week after attending the annual meeting of employees of the Great Western Sugar company, Denver, Colo., where he lectured on "Some Fundamentals of Soil Fertility."

Fifteen of the 23 ministers' children attending K. S. A. C. are partially or entirely self supporting, according to the report of a student, himself the son of a minister, who started out to prove or disprove the adage that "the minister is as poor as the mice in his church."

Allen P. Shelly, Atchison, was elected president of the K. S. A. C. student republican club, which held its organization meeting on Tuesday night of last week. Fred A. Seaton, Manhattan, was elected vice-president, and Edward Woods, Kansas City, Mo., secretary and treasurer.

MANHATTAN PERSONS TO SPEAK IN LONDON

Will Present Papers Before World's Poultry Congress

Four members of the Kansas agricultural experiment station staff and a fifth Manhattan person who once was a K. S. A. C. instructor have been asked to present papers at the world's fourth poultry congress to be held in Crystal Palace, London, England, July 22-30, 1930. Their papers will be translated into foreign languages and abstracts of them distributed during the congress. Subjects of the papers and the authors who will present them are:

Recent Developments in the Importance and Control of Intestinal Worms of Chickens, Dr. James E. Ackert, department of zoology.

Fowl Typhoid, A Study of Occurrence and Control, Dr. L. D. Bushnell, department of bacteriology.

Inheritance of Vigor in Poultry, Dr. D. C. Warren, department of poultry husbandry.

The Effect of Age on the Vitamin D Potency of Cod Liver Oil, Prof. L. F. Payne, department of poultry husbandry.

The Problems of Buying Eggs from Producers on a Graded Basis, A. F. Peine, Perry Packing company, Manhattan.

FARM AND HOME WEEK HIGHLIGHTS

Tuesday, February 4

Poultry day.
Discussion of poultry questions, from A to Z.
Presentation of master farm homemakers at evening assembly.

Wednesday, February 5

Dairy day.
Announcement of 300 pound dairy herds.
Presentation of production cup.
Student's fitting and showing contest.
Breed association meetings.
Address by Governor Clyde Reed at evening assembly.
Meeting Kansas Associated Garden clubs.
Beekeepers' program.
Agricultural engineering program.
Farm women's meetings.

Thursday, February 6

Livestock day.
Discussions of livestock problems.
Meeting of Kansas Crop Improvement association begins.
Little American Royal Livestock show in pavilion.
Beekeepers' program continues.
Farm women's meetings.

Friday, February 7

Agronomy day.
Agricultural economics program.
Presentation of wheat champion, corn champion, master homemakers, and other winners at fifty-fifth annual banquet.
Farm women's programs.

TEN TORRID MINUTES GIVE AGGIES VICTORY

BASKETBALL TEAM DEFEATS OKLAHOMA A. & M. 47 TO 35

Below Zero Weather Doesn't Keep Aggies from Getting Very Warm—Wildcats Trail at Half But Pull Ahead in Closing Rally

AGGIES WIN

The Kansas Aggie basketball team defeated Oklahoma university in Nichols gymnasium last night 47 to 23. By the victory the Aggies went into a fourth place tie with Iowa State, leaving Oklahoma, for the past three years conference champions, in last place with four straight defeats.

Ten minutes of high class basketball coming at the right end of the game gave the Kansas Aggies a 47 to 35 victory over the Oklahoma Aggies in Nichols gymnasium January 17.

It was nine degrees below zero outside but Ley, Oklahoma Aggie forward, was approximately 212 above Fahrenheit, in the matter of locating the center of the ring from wherever he chose to release the ball. Even more thermic was Alex Nigro, Aggie forward, but it took Nigro most of the game to thaw out. Ley got seven field goals and two free throws while Nigro got five field goals and five free throws, all his field goals coming toward the last of the last half.

FLOOR PLAY GOOD

The floor play of the Wildcats was all that could be asked, but their basket shooting, save for those last minutes, was decidedly erratic. Seventeen of the 47 points made came on free throws, Oklahoma making a total of 20 fouls to give the Wildcats 28 free trials.

A sideline record kept of the number of shots attempted and the number made showed the Wildcats getting 71 trials at the basket and making 15 while the Oklahomans got 37 trials and made 13. The story was the same as that of the Missouri game, except that there was no saving rally toward the end at Missouri.

In the Oklahoma Aggie game the Wildcats took an early lead and for nearly 10 minutes kept their opponents from shooting inside the free throw line. The Wildcats' forwards were off, however, and the lead soon melted when Ley started hitting. The visitors led at the half 19 to 17 after Williams broke a tie with a goal that found the ball in the air as the gun went off.

LEAD CHANGES SWIFTLY

In the second half the Wildcats gained the lead, lost it, then went ahead permanently when Cronkite, Nigro, and Russell went into the game and all started functioning together. Cronkite, who has been ill, stayed in only a short time but made two baskets and played a nice floor game.

Two Oklahoma players were removed from the game on personal fouls, and Captain Richardson of the Wildcats also went out late in the game on personals, after making four goals from a guard position. Wiggins and Auker played well on defense for the Aggies and Russell turned in his usual brilliant floor game.

The box score:

Oklahoma Aggies (35)			
	G.	FT.	F.
Ley, f	7	2	3
Williams, f	1	1	2
Collins, f	0	0	0
Harrison, c	3	2	3
Choate, g	2	1	4
Hixson, g	0	1	1
Fleming, g (c)	0	0	4
Schneider, g	0	2	1
Totals	13	9	18

Technical fouls were called on Ley and Schneider.

Kansas Aggies (47)			
	G.	FT.	F.
Nigro, f	5	5	2
Russell, f	2	2	1
Weller, f	0	0	0
Silverwood, f	1	3	0
Vohs, f	0	1	0
Auker, c	4	4	2
Cronkite, c	2	1	1
Freeman, c	0	0	0
Wiggins, g	0	0	1
Schooley, g	4	0	0
Richardson, g	4	1	4
Fairbank, g	0	0	0
Totals	15	17	11

Officials—Captain M. V. Fortier, Fort Leavenworth; Parke Carroll, Wyandotte, Kansas City.

The first printing machine invented by Gutenberg in 1440 looked like a cider press—as different from the modern press as a wheelbarrow is from an automobile.

Edits Store Magazine

Velma Lockridge, '26, is editor of the "Daytonews," monthly magazine published by the Dayton company, Minneapolis department store. She is a member of the advertising department staff, and says she does "special magazine ads, home furnishings, radio, and various other things. My job is partly an advisory one and constructive planning one in all sorts of home furnishings publicity."

SPONSOR SOYBEAN TOUR IN FOUR STATES SOON

Missouri Pacific Railway, Agricultural Colleges, Farm Bureaus, and Commercial Clubs Cooperate

The extension division of the Kansas State Agricultural college will cooperate late in January and in February with the agricultural development department of the Missouri Pacific railway which is sponsoring a soybean improvement train in southeastern and northeastern Kansas. The train is making a total of 31 stops in Kansas, Oklahoma, Missouri, and Nebraska. The tour starts January 23 at Wagoner, Okla., and ends at Nebraska City, Neb., February 27. Cars of exhibits will carry to visitors the value of soybeans from the standpoint of soil improvement and as a feed and cash crop.

The soybean has been given more than ordinary attention in eastern Kansas during recent months. The Fredonia Linseed Oil works at Fredonia and the Mangelsdorf Soybean company at Atchison are two concerns which have aroused interest in the soybean. These companies crush the soybean for the oils and other by-products of the milling process.

So many inquiries have come to the Kansas agricultural experiment station about the soybean that the station will publish shortly a bulletin dealing with all phases of the subject. The schedule of the soybean train is as follows:

Oklahoma, January 23-25.
Kansas—Arkansas City, Jan. 27; Caney, Jan. 28; Independence, Jan. 29; Chetopa, Jan. 30; Pittsburg, Jan. 31; Fort Scott, Feb. 1.
Missouri, February 3-8.
Kansas—Fredonia, Feb. 10; Yates Center, Feb. 11; Iola, Feb. 12; Le Roy, Feb. 13; Garnett, Feb. 14; Ottawa, Feb. 15; Paola, Feb. 17; Leavenworth, Feb. 18; Effingham, Feb. 19; Netawaka, Feb. 20; Centralia, Feb. 21; Atchison, Feb. 22; Hiawatha, Feb. 24.
Nebraska, Feb. 25-27.

APPETIZING APPLES SUBJECT OF MISS FOOTE'S RADIO TALK

Foods Teacher Gives Various Methods of Preparation

Various methods of preparing the versatile apple for table use were given by Miss Conie Foote, instructor in food economics and nutrition, in a talk over radio station KSAC recently. Her subject was "An Apple a Day," based, of course, on the saying, "an apple a day keeps the doctor away."

"Apples are at their best this time of year, but because they are abundant we don't appreciate their food value," Miss Foote said. "Fresh raw apples contain some vitamin 'A' and 'B' and although they do not contain a large content of vitamin 'C,' the anti-scorbutic vitamin, they are important because of the quantity eaten."

"Raw apples combine well with other fruits and vegetables in making delightful salads. The bright red skin, if left on, adds to the attractiveness of the dishes."

Miss Foote then suggested some appetizing salad combinations, such as raw apples, celery, nuts, and mayonnaise; raw apples and shredded coconut; raw apples and shredded carrots; and raw apples, raisins, and nuts, sometimes used as a sandwich filling.

"Baked apples are perhaps the most universally popular form of serving the fruit cooked. Like all favorites they appear in many guises—good, bad, and indifferent, and it is seldom that the first is met—seldom, that is, in proportion to the many that are baked," Miss Foote commented. She then suggested a method of preparation.

The age of steam was supreme for 100 years. Then a German by the name of Otto invented the internal combustion engine. This was only 53 years ago.

The first oil well in the United States was drilled in Pennsylvania 70 years ago. It was 69½ feet deep. Today wells are drilled 10,000 feet deep.

DUNCAN DANCERS WILL SUPPLANT BOLM GROUP

INTERPRETATIONS OF SLAVIC SPIRIT FEATURE OF REPERTOIRE

Climax of Russian Numbers is 'Dubinushka,' the Workman's Song—Its Menacing Note Contrasts With Girl Scout Song

The Isadora Duncan dancers are to come to Manhattan on February 25 under the auspices of the American Association of University Women, instead of the Adolph Bolm ballet, previously announced as the A. A. U. W. attraction. Cancellation of the Bolm engagement was made necessary by illness, according to A. A. U. W. officials.

Isadora Duncan, world famous as the leader of the dancers which bear her name, was killed in an automobile accident several months ago, but her sister, Irma Duncan, has carried on with the School of the Ballet in Moscow, and is in charge of the present tour.

The dancers have an interesting repertoire from which to build their program. Their interpretations of the music of such composers as Schubert, Strauss, Schumann, and Chopin are said to be unusually satisfactory.

Unique among the dances offered are those interpretative of the Russian spirit, in which the girls sing as they dance. Climaxing this part of the program is "Dubinushka" the Workman's Song. Contrasted to its almost menacing note is the happy Russian Girl Scout song which closes the group of numbers.

Is Wichita Policewoman

Mrs. Walter (Gray) Bigelow, '26, M. S. '27, has been appointed police matron for the city of Wichita. Mrs. Bigelow, formerly Clara Bell Gray, was a member of Phi Kappa Phi and Quill club while in college. She took her master's work in psychology. Mrs. Bigelow made the highest score in the test given a dozen applicants for the position.

PROGRESS OF KANSAS PRESS

F. E. C.

The Quenemo News recently published No. 1 of Volume 38, a 12 page all home print paper that makes one think that business is good in Quenemo. Mr. and Mrs. J. L. Parrish are the editors and owners.

Ben Mickel's new year greeting from the Soldier Clipper office consisted of a small 1930 calendar and blotter, each printed with colored illustrations. Just another evidence of the thoughtfulness of the Mickel family.

The Almena Plaindealer is another paper which uses to good advantage a small ballot square for notifying subscribers that their yearly subscription is due. A blue mark in the square cannot escape the eye of the reader.

Size of a paper evidently does not determine whether it can maintain an agricultural department. The Blade at Buffalo runs a farm and home column which is both readable and instructive. It is readable largely because of its variety.

In his "Reflections by George" in the Altamont Journal the editor strips weaknesses of human nature of their cloaks and pictures them as they are. The column must force readers to think a little. Frank E. George is the publisher of the Journal.

On January 9 Harry Ross published a golden anniversary edition of his Burr Oak Herald. It was published on goldenrod news print and contained numerous historical articles of interest. With Mr. Ross at the helm the Herald should have an equally successful half century ahead of it.

Consolidation of the Hoxie Sentinel and the Sheridan County News seems to have resulted in good business for the present owner, W. B. Daniels. A 14 page issue on January 9 indicates that business is good for one paper at Hoxie where it might not be so flourishing if two papers still existed there.

A copy of the Erie Record recently

Sigma Nu Ahead in Intramurals

The Sigma Nu fraternity is leading in the race for the intramural cup offered to the organization making the most points in all events during the school year. Sigma Nu has 575 points, Lambda Chi Alpha 409, and Delta Tau Delta, Phi Kappa Tau, Kappa Sigma, Delta Sigma Phi, Phi Kappa, Omega Tau Epsilon, Phi Delta Theta, Sigma Phi Epsilon, Alpha Gamma Rho, Beta Theta Pi, and Phi Lambda Theta all have more than 300.

MISSOURI WRESTLERS WIN SEASON'S OPENING MEET

Tigers Take Long End of 2½ to 11½ Score

The Kansas Aggie wrestling team lost its first meet of the season to Missouri university recently at Columbia, 2½ to 11½. C. H. Errington, Ruleton, heavyweight champion of the Big Six conference, defeated Blacklock, Missouri, by a fall in 4 minutes, and J. R. Warner, Whiting, threw Garrison, Missouri, in 5 minutes, 9 seconds.

Results:

116 pound class—Luck, Missouri, defeated K. J. Latimer, Humboldt. Time advantage 3:05.
125 pound class—Roberts, Missouri, threw C. D. Barber, Iola. Time 6:50.
135 pound class—J. C. Fickel, Chautauque, wrestled to a draw with Moore, Missouri.
145 pound class—Sappington, Missouri, threw Sam Alsop, Wakefield. Time 5:09.
155 pound class—J. R. Warner, Whiting, threw Garrison, Missouri. Time 5:09.
165 pound class—Young, Missouri, threw William Chapman, Wichita. Time 9:00.
175 pound class—Robbins, Missouri, defeated George Long, Manhattan. Time advantage 6:00.
Heavyweight—C. H. Errington, Ruleton, threw Blacklock, Missouri. Time 4 minutes.

Farm-Home Luncheon

The annual Farm and Home week alumni luncheon will be held Thursday noon, February 6, upstairs in the college cafeteria. Last year more than 100 alumni and friends attended the luncheon.

NAME NEW GROUP OF MASTER HOMEMAKERS

COLLEGE AND WOMEN'S PAPER SELECT WINNERS

Five 1929 Farm Homemakers Are Mrs. Harlan Deaver, Mrs. P. H. Beebe, Mrs. W. E. Simon, Mrs. E. M. Perkins, and Mrs. H. L. Brownlee

Kansas has a new group of master farm homemakers this week following announcement by the college extension division of five Kansas women who won the title in 1929. The five chosen cooperatively by the extension division and the Farmer's Wife, national women's magazine of St. Paul, will be given their gold master homemaker pins at a public recognition February 4, the opening day of Farm and Home week.

ARE MOST OUTSTANDING

The new group of homemakers includes Mrs. W. E. Simon, Girard; Mrs. E. M. Perkins, Richmond; Mrs. Harlan Deaver, Sabetha; Mrs. H. L. Brownlee, Sylvia; and Mrs. P. H. Beebe, Lenexa. They were chosen from 42 outstanding candidates from every section of the state. The winners live on farms varying from a 160 acre dairy farm in eastern Kansas to a 1,200 acre wheat and livestock farm near Sylvia in Reno county.

This is the third group of Kansas women to be recognized as outstanding rural homemakers. Their selection for the honor entitles them to membership in the Farm Homemakers' guild, an organization of Kansas master farm homemakers. Organization of the guild was effected during Farm and Home week at the college a year ago, with the first 10 master homemakers of the state as charter members. Mrs. O. M. Coble of Sedgwick, a 1928 winner, is president, and Miss Nora Towner, Olathe, is secretary-treasurer.

OTHER FARM HOMEMAKERS

In organizing the guild the farm women set higher efficiency among farm women as their aim. Charter members of the association, besides Mrs. Coble and Miss Towner, are Mrs. Harper Fulton, Ft. Scott; Mrs. O. O. Wolf, Ottawa; Mrs. E. B. Marsh, Chautauque; Mrs. Russell Schaub, Independence; Mrs. A. Z. Brown, Cheney; Mrs. J. W. Chitwood, Pratt; Mrs. M. M. Melchert, Ottawa; and Mrs. Thomas Marks, Emporia.

MANY CREDIT SOURCES OPEN TO AGRICULTURE, HOWE SAYS

Loan Plan Changes of Past 20 Years Outlined

In a talk before the Nurserymen's school, January 9, Prof. Harold Howe spoke on "Sources of Credit for Agriculture."

"The last 20 years has been a period of remarkable development in agriculture, due to inventions, the desire of the farmer to better his lot, and a mass of helpful governmental legislation," said Howe.

"Recognition that has been given by our law makers to the financial needs of agriculture, tardy though it was, has in a short period of time opened up many sources of credit."

"The Federal Reserve act of 1913, with its recent amendments," continued Professor Howe, "provides for extension of credit to agricultural interests. Neither farmers nor other individuals can obtain aid directly from the federal reserve banks, but must apply to their local banks. These may in turn rediscount the notes acquired to the federal banks. Agricultural paper may be discounted for a period of nine months while commercial paper can be discounted only for a period not exceeding 90 days."

"The Federal Farm Loan act of 1916 created a mortgage credit system. This measure provides for the federal land banks, which operate under government direction and supervision, and the joint stock land banks, privately owned but operating under the supervision of the government. The federal land banks operate locally through national farm loan associations, formed by 10 or more farmers desiring mortgage credit. Loans are made for terms ranging from 5 to 40 years."

"The last, and what may turn out to be the most far reaching, piece of credit legislation is the agricultural marketing act of 1929, which created the federal farm board, and provides for loans to cooperative marketing associations to assist in the effective merchandising of commodities."